

Converting Colors

XYZ(82.2422, 87.9033, 95.4261)

Have a look what the booklet for
XYZ(82.2422, 87.9033, 95.4261)
contains.

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Color

**XYZ(82.0724, 87.6284,
95.0264)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF2F0
RGB	236, 242, 240
RGB Percent	93%, 95%, 94%
CMY	0.0745, 0.0510, 0.0588
CMYK	0.02, 0.00, 0.01, 0.05
HSL	160°, 19%, 94%
HSV	160°, 2%, 95%
XYZ	82.0724, 87.6284, 95.0264
YIQ	239.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

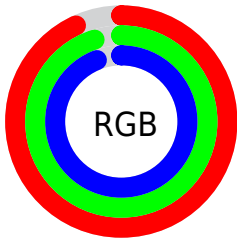
Format	Color
R _Y B	236, 240, 242
Decimal	15528688
CIE Lab	95.00, -2.34, 0.26
CIE LCh	95, 2.354, 173.696
Yxy	87.6284, 0.3100, 0.3310
Android (android.graphics.Color)	4293718768 (0xFFECEF0)
YUV	239.9780, 0.0108, -3.4887
Hunter-Lab	93.6100, -7.3181, 5.3399

Details

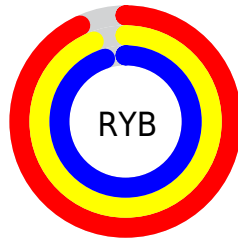
The XYZ color **82.0724, 87.6284, 95.0264** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.0493, 85.0435, 92.9838**, and the grayscale version is **82.8109, 87.1236, 94.8776**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0330, 48.2818, 52.2932** is the 20% darker color. If you saturate the color by 10%, you get **73.4026, 83.2970, 88.4969**, and if you desaturate by 10%, it is **89.9494, 91.5498, 101.8013**.

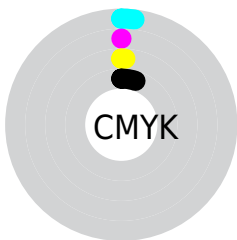
Distribution



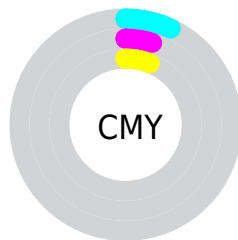
- Red (93%)
- Green (95%)
- Blue (94%)



- Red (93%)
- Yellow (94%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0724, 87.6284, 95.0264 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 82.0724, 87.6284, 95.0264 by changing the saturation by 10% instead.

82.0724, 87.6284,
95.0264

82.0724, 87.6284,
95.0264

490.5207,
520.2856, 565.2360

61.7395, 66.0154,
71.5599

135.2108,
144.0397, 156.2970

45.0771, 48.2849,
52.3146

168.7471,
179.6068, 194.9382

31.7197, 34.0525,
36.8720

207.4152,
220.5939, 239.4747

21.3020, 22.9340,
24.8134

251.5805,
267.3856, 290.3250

13.4586, 14.5448,
15.7203

301.6083,
320.3663, 347.9078

7.8243, 8.5005,
9.1742

357.8640,

4.0336, 4.4169,

379.9202, 412.6415

4.7566

420.7130,
446.4318, 484.9448

■ 1.7211, 1.9094,
2.0490

■ 0.4695, 0.5540,
0.5851

■ 82.0724, 87.6284,
95.0264

■ 82.0724, 87.6284,
95.0264

■ 73.4026, 83.2970,
88.4969

■ 89.9494, 91.5498,
101.8013

■ 65.8284, 79.5219,
82.2921

■ 91.0438, 91.9876,
107.5646

■ 59.3050, 76.2824,
76.4082

■ 53.7820, 73.5527,
70.8389

■ 49.2043, 71.3045,
65.5780

■ 45.5116, 69.5068,
60.6187

■ 42.6364, 68.1249,
55.9539

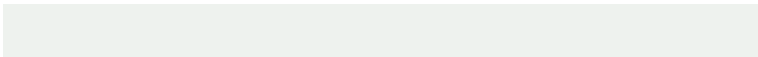
■ 40.5006, 67.1185,
51.5758

■ 39.0104, 66.4395,
47.4759

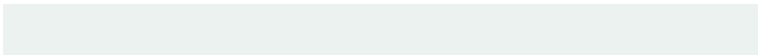
Harmonies

Analogous

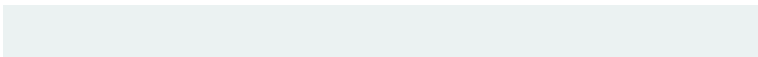
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3015, 87.6284, 93.3433



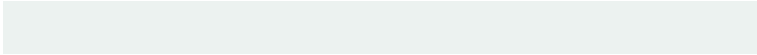
82.0724, 87.6284, 95.0264



82.1677, 87.6284, 96.8341

Triad

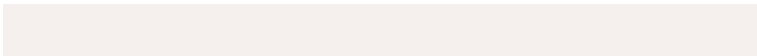
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0724, 87.6284, 95.0264



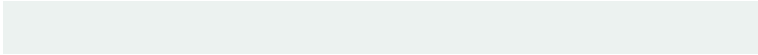
83.7831, 87.6284, 98.6723



84.0180, 87.6284, 92.6036

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



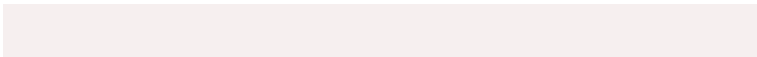
82.0724, 87.6284, 95.0264



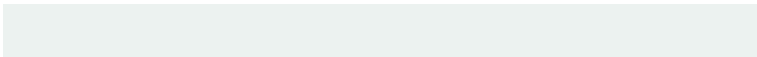
82.0493, 85.0435, 92.9838

Split Complementary

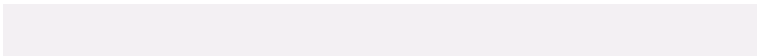
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4188, 87.6284, 94.0047



82.0724, 87.6284, 95.0264



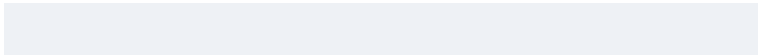
84.2827, 87.6284, 97.5119

Square

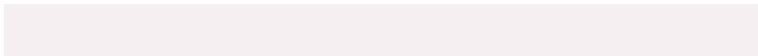
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0724, 87.6284, 95.0264



83.1533, 87.6284, 98.9543



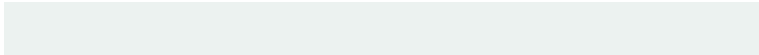
84.5159, 87.6284, 95.7995



83.4232, 87.6284, 91.9561

Rectangle

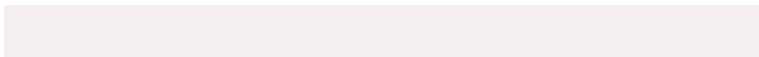
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



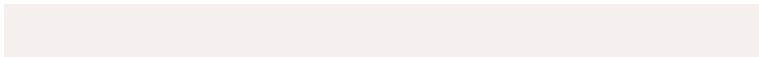
82.0724, 87.6284, 95.0264



82.4026, 87.6284, 97.8650



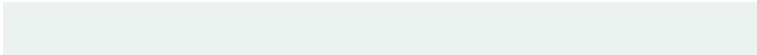
84.5159, 87.6284, 95.7995



84.1800, 87.6284, 93.0012

Sweetspot

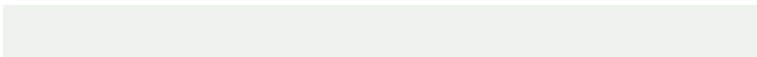
The Sweet Spot groups the original color and five complimentary colors.



82.0749, 87.6321, 95.0283



93.9813, 99.4649, 108.1363



82.1889, 87.7588, 91.9655



20.1271, 21.2952, 23.1537



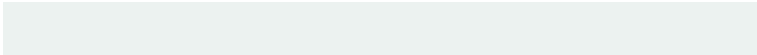
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0749, 87.6321, 95.0283



91.8829, 98.4145, 106.6202



82.1069, 87.2171, 96.5159



17.0609, 18.3595, 19.8620



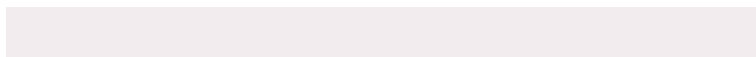
20.5903, 35.5281, 24.2892



1.7589, 2.9740, 2.2627

Inverse Universe

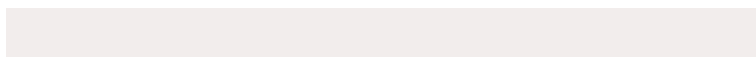
The Inverse Universe completely reimagines the original color for something new.



82.0493, 85.0435, 92.9838



91.8481, 94.8919, 103.8380



82.0164, 85.4463, 91.5282



17.0528, 17.5329, 19.2092



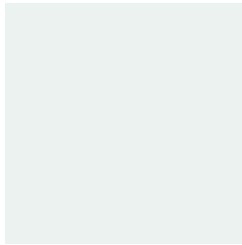
20.5213, 10.4810, 5.3958



1.7517, 0.8897, 0.6832

Previews

White Background



This preview shows how the XYZ color 82.0724, 87.6284, 95.0264 looks on a white background.

Color Contrast Check

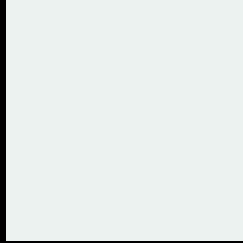
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 82.0724, 87.6284, 95.0264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

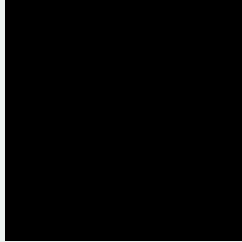
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

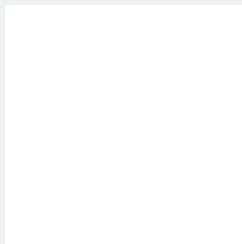
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0724, 87.6284, 95.0264

Background



This preview shows how black text looks on a background with the XYZ color 82.0724, 87.6284, 95.0264.



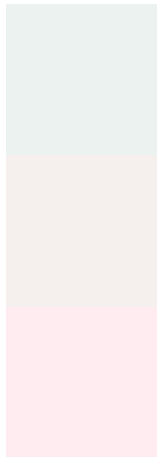
This preview shows how white text looks on a background with the XYZ color 82.0724, 87.6284,

95.0264.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.0724, 87.6284, 95.0264

Protanopia

83.9553, 87.3185, 93.3182

Deuteranopia

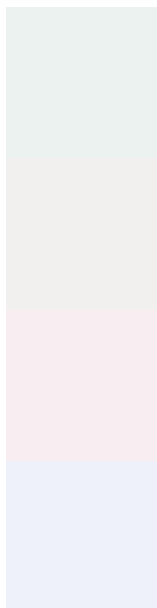
87.1126, 87.6018, 95.5366



Tritanopia

84.5131, 87.3037, 107.0047

Trichromacy



Original Color

82.0724, 87.6284, 95.0264

Protanomaly

83.3580, 87.4294, 94.1435

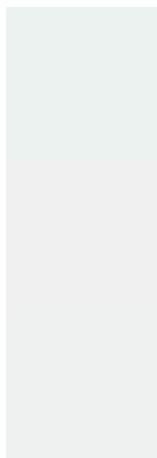
Deuteranomaly

85.1631, 87.4564, 95.6113

Tritanomaly

83.6753, 87.3994, 102.9021

Monochromacy



Original Color

82.0724, 87.6284, 95.0264

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.7801, 87.5526, 94.9744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0724, 87.6284, 95.0264 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(236, 242, 240) looks like.

```
.text, #text, p{  
    color:rgb(236, 242, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(236, 242, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 242, 240) }
```

Border

The CSS property to change the border of an element to XYZ 82.0724, 87.6284, 95.0264 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 242, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(236, 242, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(236, 242, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 242, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 242, 240);  
box-shadow:4px 4px 4px 4px rgb(236, 242,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0724, 87.6284, 95.0264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 242, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(236,  
242, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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