

Converting Colors

XYZ(82.1523, 87.7375, 91.9620)

Have a look what the booklet for
XYZ(82.1523, 87.7375, 91.9620)
contains.

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Color

**XYZ(82.1523, 87.7375,
91.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF2EC
RGB	238, 242, 236
RGB Percent	93%, 95%, 93%
CMY	0.0667, 0.0510, 0.0745
CMYK	0.02, 0.00, 0.02, 0.05
HSL	100°, 19%, 94%
HSV	100°, 2%, 95%
XYZ	82.1523, 87.7375, 91.9620
YIQ	240.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

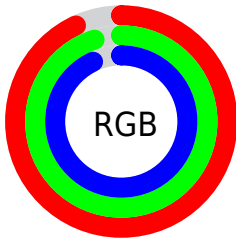
Format	Color
R _Y B	236, 242, 240
Decimal	15659756
CIE Lab	95.05, -2.38, 2.41
CIE LCh	95, 3.393, 134.626
Yxy	87.7375, 0.3137, 0.3351
Android (android.graphics.Color)	4293849836 (0xFFEEF2EC)
YUV	240.1200, -2.0312, -1.8592
Hunter-Lab	93.6683, -7.3651, 7.3579

Details

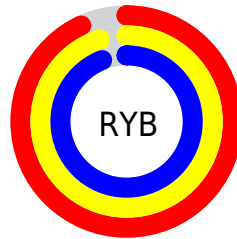
The XYZ color **82.1523, 87.7375, 91.9620** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.9610, 84.9293, 96.0821**, and the grayscale version is **82.9362, 87.2553, 95.0210**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0885, 48.3582, 50.1377** is the 20% darker color. If you saturate the color by 10%, you get **73.6941, 83.7588, 74.4389**, and if you desaturate by 10%, it is **90.7288, 91.8252, 107.5499**.

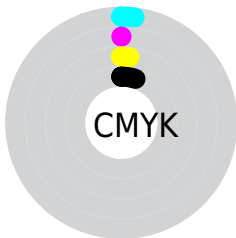
Distribution



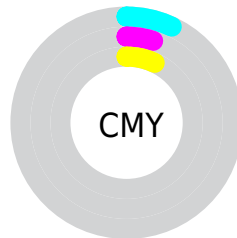
- Red (93%)
- Green (95%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1523, 87.7375, 91.9620 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 82.1523, 87.7375, 91.9620 by changing the saturation by 10% instead.

82.1523, 87.7375,
91.9620

82.1523, 87.7375,
91.9620

490.7838,
520.6432, 555.1266

61.8056, 66.1057,
69.0262

135.3223,
144.1916, 152.0200

45.1307, 48.3582,
50.2612

168.8763,
179.7828, 189.9792

31.7621, 34.1106,
35.2483

207.5634,
220.7958, 233.7834

21.3345, 22.9786,
23.5691

251.7490,
267.6151, 283.8510

13.4826, 14.5777,
14.8051

301.7985,
320.6251, 340.6006

7.8410, 8.5236,
8.5376

358.0773,

4.0443, 4.4317,

380.2102, 404.4507

4.3482

420.9506,
446.7548, 475.8199

■ 1.7272, 1.9179,
1.8182

■ 0.4732, 0.5591,
0.4399

■ 82.1523, 87.7375,
91.9620

■ 82.1523, 87.7375,
91.9620

■ 73.6941, 83.7588,
74.4389

■ 90.7288, 91.8252,
107.5499

■ 66.1641, 80.2032,
59.3450

■ 91.0438, 91.9877,
107.5646

■ 59.5312, 77.0596,
46.5749

■ 53.7597, 74.3121,
36.0128

■ 48.8115, 71.9438,
27.5332

■ 44.6452, 69.9362,
20.9980

■ 41.2152, 68.2695,
16.2522

■ 38.4707, 66.9212,
13.1174

■ 36.3524, 65.8655,
11.3781

Harmonies

Analogous

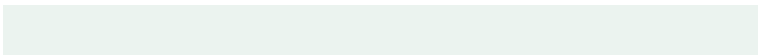
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9449, 87.7375, 90.7008



82.1523, 87.7375, 91.9620



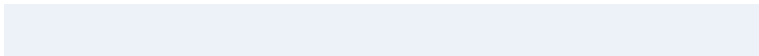
81.6936, 87.7375, 94.1911

Triad

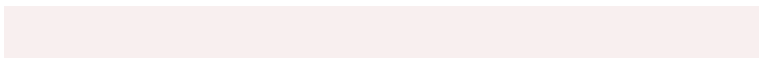
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1523, 87.7375, 91.9620



82.9226, 87.7375, 100.5124



85.1196, 87.7375, 94.2545

Complementary

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



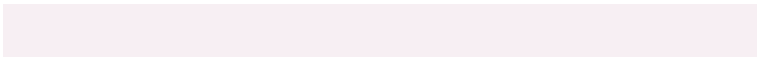
82.1523, 87.7375, 91.9620



81.9610, 84.9293, 96.0821

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.



85.1135, 87.7375, 96.8840



82.1523, 87.7375, 91.9620



83.8405, 87.7375, 100.5302

Square

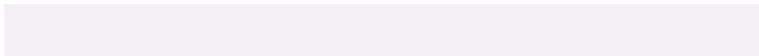
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



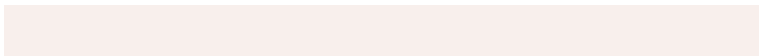
82.1523, 87.7375, 91.9620



82.1361, 87.7375, 99.1436



84.6438, 87.7375, 99.1916



84.6604, 87.7375, 92.0077

Rectangle

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



82.1523, 87.7375, 91.9620



81.6367, 87.7375, 95.9414



84.6438, 87.7375, 99.1916



85.1720, 87.7375, 95.1222

Sweetspot

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



82.1548, 87.7413, 91.9639



94.0192, 99.5157, 106.7229



82.9219, 87.2572, 91.8301



20.1348, 21.3056, 22.8660



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

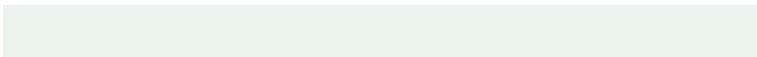
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1548, 87.7413, 91.9639



91.9903, 98.5622, 102.4551



81.6329, 87.4554, 92.7006



17.0857, 18.3939, 18.8864



18.9912, 35.1119, 5.7763



1.6815, 2.9733, 0.4853

Inverse Universe

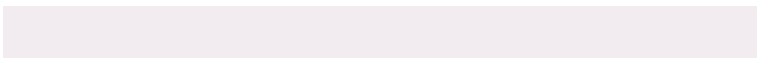
The Inverse Universe completely reimagines the original color for something new.



81.9610, 84.9293, 96.0821



91.7267, 94.7358, 108.0591



82.4938, 85.2213, 95.3245



17.0238, 17.4960, 20.2014



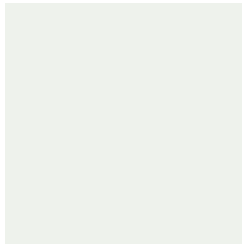
16.6997, 7.6144, 45.7174



1.4942, 0.6875, 3.8082

Previews

White Background



This preview shows how the XYZ color 82.1523, 87.7375, 91.9620 looks on a white background.

Color Contrast Check

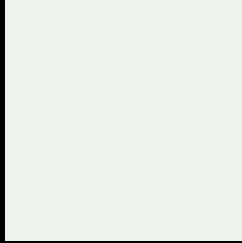
Large Text (above 18pt) WCAG AA × Fail

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 82.1523, 87.7375, 91.9620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

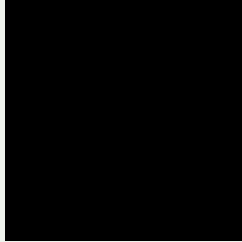
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

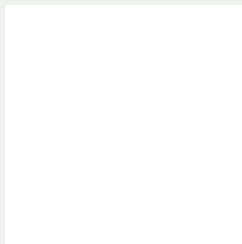
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1523, 87.7375, 91.9620

Background



This preview shows how black text looks on a background with the XYZ color 82.1523, 87.7375, 91.9620.



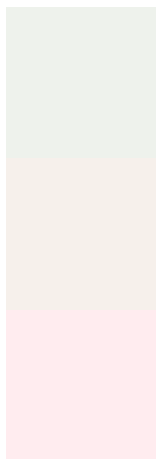
This preview shows how white text looks on a background with the XYZ color 82.1523, 87.7375,

91.9620.

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

82.1523, 87.7375, 91.9620

Protanopia

84.1615, 87.9112, 91.1300

Deuteranopia

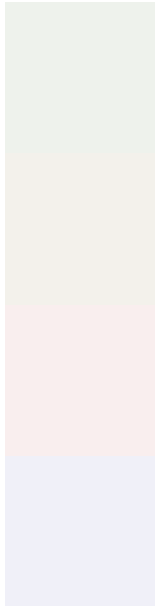
86.8154, 87.4829, 93.9716



Tritanopia

85.1921, 87.6538, 107.0365

Trichromacy



Original Color

82.1523, 87.7375, 91.9620

Protanomaly

83.4128, 87.9634, 91.1796

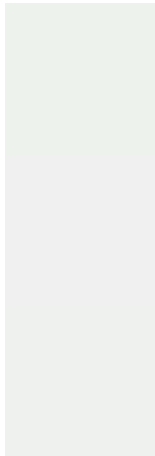
Deuteranomaly

85.0741, 87.4619, 93.2869

Tritanomaly

84.0385, 87.6228, 101.2905

Monochromacy



Original Color

82.1523, 87.7375, 91.9620

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.6319, 87.4933, 94.1941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1523, 87.7375, 91.9620 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(238, 242, 236) looks like.

```
.text, #text, p{  
    color:rgb(238, 242, 236)  
}
```

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(238, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 242, 236) }
```

Border

The CSS property to change the border of an element to XYZ 82.1523, 87.7375, 91.9620 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(238, 242, 236) }
```


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

```
.border{ border-color:rgb(238, 242, 236) }
```

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

Here you see how a box with a 4 pixel rgb(238, 242, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(238, 242,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1523, 87.7375, 91.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 242, 236) }
```

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

```
.background{ background-color: rgb(238,  
242, 236) }
```

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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