

Converting Colors

XYZ(82.8126, 90.8337, 95.2440)

Have a look what the booklet for
XYZ(82.8126, 90.8337, 95.2440)
contains.

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Color

**XYZ(82.8999, 90.7497,
95.5852)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F8F0
RGB	233, 248, 240
RGB Percent	91%, 97%, 94%
CMY	0.0863, 0.0274, 0.0588
CMYK	0.06, 0.00, 0.03, 0.03
HSL	148°, 52%, 94%
HSV	148°, 6%, 97%
XYZ	82.8999, 90.7497, 95.5852
YIQ	242.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

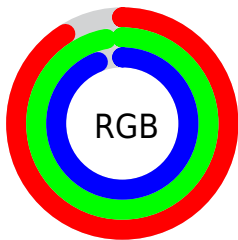
Format	Color
R _Y B	233, 243, 248
Decimal	15333616
CIE Lab	96.31, -6.36, 2.13
CIE LCh	96, 6.707, 161.479
Yxy	90.7497, 0.3079, 0.3371
Android (android.graphics.Color)	4293523696 (0xFFE9F8F0)
YUV	242.6030, -1.2833, -8.4218
Hunter-Lab	95.2626, -11.3745, 7.1931

Details

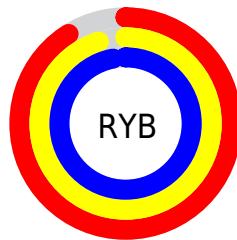
The XYZ color **82.8999, 90.7497, 95.5852** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.7309, 84.5876, 95.1376**, and the grayscale version is **84.8917, 89.3126, 97.2615**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6328, 50.5071, 52.6911** is the 20% darker color. If you saturate the color by 10%, you get **73.4718, 86.1108, 85.2566**, and if you desaturate by 10%, it is **92.5757, 95.5049, 106.6773**.

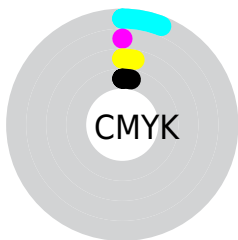
Distribution



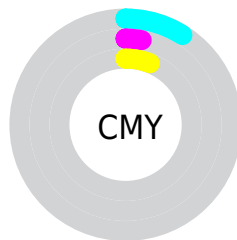
- Red (91%)
- Green (97%)
- Blue (94%)



- Red (91%)
- Yellow (95%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8999, 90.7497, 95.5852 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 82.8999, 90.7497, 95.5852 by changing the saturation by 10% instead.

82.8999, 90.7497,
95.5852

82.8999, 90.7497,
95.5852

493.2418,
530.4666, 567.0689

62.4242, 68.6026,
72.0226

136.3645,
148.3793, 157.0754

45.6325, 50.3881,
52.6902

170.0841,
184.6306, 195.8400

32.1593, 35.7219,
37.1694

208.9491,
226.3522, 240.5090

21.6393, 24.2195,
25.0419

253.3248,
273.9283, 291.5009

13.7072, 15.4965,
15.8890

303.5766,
327.7434, 349.2343

7.9977, 9.1686,
9.2921

360.0698,

4.1452, 4.8513,

388.1819, 414.1278

4.8328

423.1697,
455.6281, 486.5998

■ 1.7846, 2.1603,
2.0925

■ 0.5084, 0.6982,
0.6113

■ 82.8999, 90.7497,
95.5852

■ 82.8999, 90.7497,
95.5852

■ 73.4718, 86.1108,
85.2566

■ 92.5757, 95.5049,
106.6773

■ 65.2722, 82.0864,
75.7158

■ 92.8591, 95.6182,
108.1697

■ 58.2498, 78.6531,
66.9461

■ 52.3471, 75.7815,
58.9277

■ 47.5012, 73.4396,
51.6401

■ 43.6427, 71.5921,
45.0618

■ 40.6936, 70.1991,
39.1699

■ 38.5630, 69.2143,
33.9404

■ 37.1387, 68.5802,
29.3468

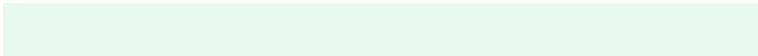
Harmonies

Analogous

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



83.9020, 90.7497, 91.3164



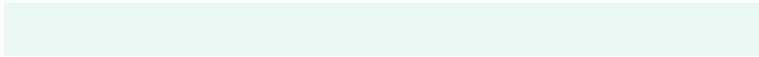
82.8999, 90.7497, 95.5852



82.7889, 90.7497, 100.8684

Triad

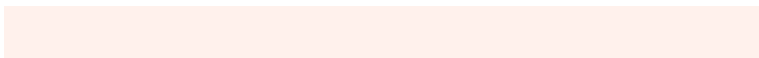
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8999, 90.7497, 95.5852



86.9703, 90.7497, 109.2186



88.9688, 90.7497, 92.1652

Complementary

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



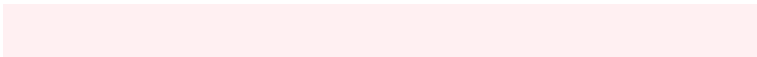
82.8999, 90.7497, 95.5852



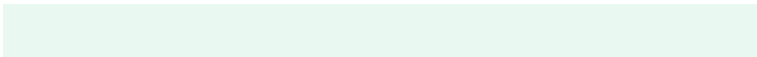
83.7309, 84.5876, 95.1376

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.



89.8162, 90.7497, 96.7818



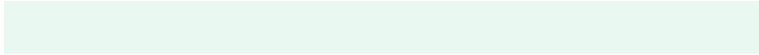
82.8999, 90.7497, 95.5852



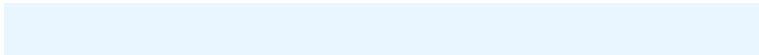
88.6513, 90.7497, 106.7048

Square

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



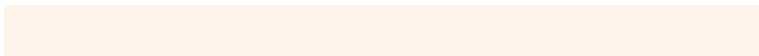
82.8999, 90.7497, 95.5852



85.1210, 90.7497, 108.8700



89.6992, 90.7497, 102.1086



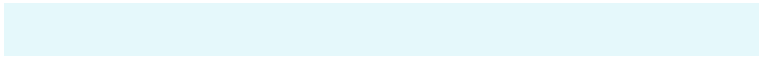
87.3987, 90.7497, 89.3915

Rectangle

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



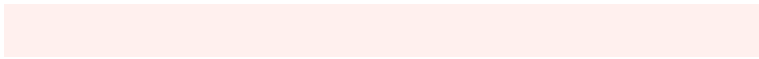
82.8999, 90.7497, 95.5852



83.2333, 90.7497, 104.2701



89.6992, 90.7497, 102.1086



89.3486, 90.7497, 93.5459

Sweetspot

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



82.9025, 90.7536, 95.5872



92.7635, 98.8715, 106.5227



84.6398, 91.7670, 90.3441



19.8792, 21.1744, 22.8253



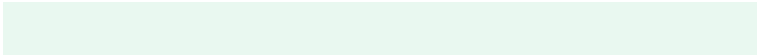
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

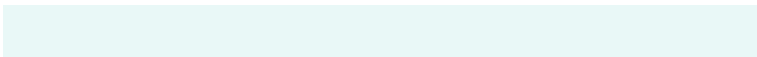
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9025, 90.7536, 95.5872



87.2896, 96.1721, 100.7315



84.0020, 91.1934, 101.3772



17.7585, 19.6431, 20.5034



19.8961, 36.9714, 15.3279



1.8957, 3.4454, 1.6987

Inverse Universe

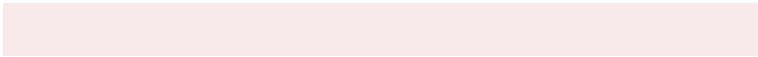
The Inverse Universe completely reimagines the original color for something new.



83.7309, 84.5876, 95.1376



88.3056, 88.6105, 100.1801



82.6685, 84.1627, 89.5432



17.9832, 17.9702, 20.3814



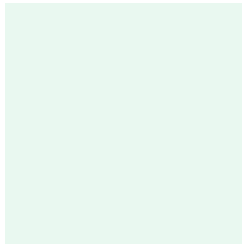
23.2444, 11.7135, 13.2616



2.2064, 1.1063, 1.5104

Previews

White Background



This preview shows how the XYZ color 82.8999, 90.7497, 95.5852 looks on a white background.

Color Contrast Check

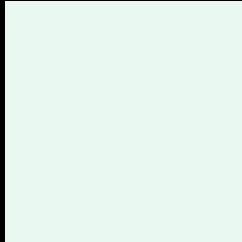
Large Text (above 18pt) WCAG AA × Fail

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 82.8999, 90.7497, 95.5852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

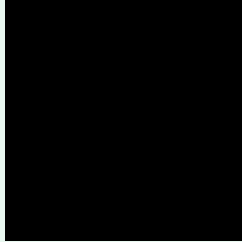
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

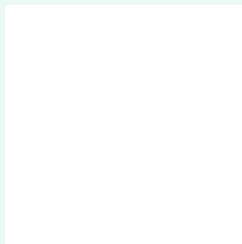
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8999, 90.7497, 95.5852

Background



This preview shows how black text looks on a background with the XYZ color 82.8999, 90.7497, 95.5852.



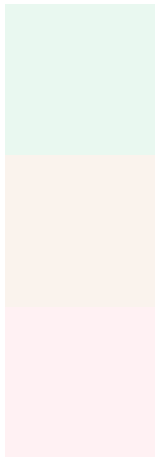
This preview shows how white text looks on a background with the XYZ color 82.8999, 90.7497,

95.5852.

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

82.8999, 90.7497, 95.5852

Protanopia

86.7610, 90.5396, 93.0239

Deuteranopia

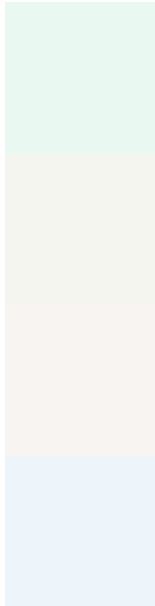
88.8730, 90.6417, 97.6055



Tritanopia

86.3359, 90.4466, 107.5153

Trichromacy



Original Color

82.8999, 90.7497, 95.5852

Protanomaly

85.3933, 90.7110, 93.8972

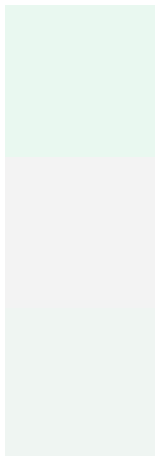
Deuteranomaly

86.7355, 90.8863, 96.9758

Tritanomaly

84.8328, 90.2115, 103.3839

Monochromacy



Original Color

82.8999, 90.7497, 95.5852

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.2760, 90.0663, 96.9471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8999, 90.7497, 95.5852 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(233, 248, 240)` looks like.

```
.text, #text, p{  
    color:rgb(233, 248, 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(233, 248, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 248, 240) }
```

Border

The CSS property to change the border of an element to XYZ 82.8999, 90.7497, 95.5852 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(233, 248, 240) }
```


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

```
.border{ border-color:rgb(233, 248, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 248, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 248, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 248, 240);  
box-shadow:4px 4px 4px 4px rgb(233, 248,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8999, 90.7497, 95.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 248, 240) }
```

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

```
.background{ background-color: rgb(233,  
248, 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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