

Converting Colors

XYZ(85.9376, 90.8097, 95.4397)

Have a look what the booklet for
XYZ(85.9376, 90.8097, 95.4397)
contains.

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Color

**XYZ(86.0368, 91.0086,
95.4699)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F5F0
RGB	245, 245, 240
RGB Percent	96%, 96%, 94%
CMY	0.0392, 0.0392, 0.0588
CMYK	0.00, 0.00, 0.02, 0.04
HSL	60°, 20%, 95%
HSV	60°, 2%, 96%
XYZ	86.0368, 91.0086, 95.4699
YIQ	244.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

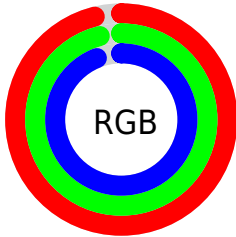
Format	Color
R_{YB}	240, 245, 240
Decimal	16119280
CIE Lab	96.41, -0.87, 2.39
CIE LCh	96, 2.544, 109.953
Yxy	91.0086, 0.3157, 0.3340
Android (android.graphics.Color)	4294309360 (0xFFFF5F5F0)
YUV	244.4300, -2.1840, 0.4999
Hunter-Lab	95.3984, -5.9638, 7.4445

Details

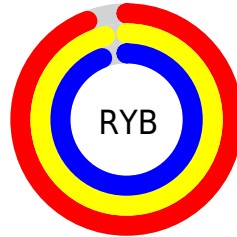
The XYZ color **86.0368, 91.0086, 95.4699** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.5802, 87.4405, 98.8635**, and the grayscale version is **86.3517, 90.8487, 98.9343**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8356, 50.6747, 52.6074** is the 20% darker color. If you saturate the color by 10%, you get **82.6336, 89.6494, 77.5770**, and if you desaturate by 10%, it is **88.3685, 91.9450, 107.6974**.

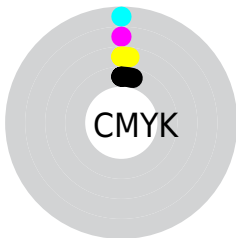
Distribution



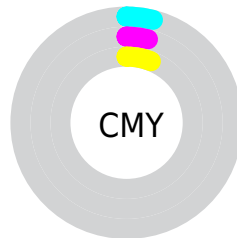
- Red (96%)
- Green (96%)
- Blue (94%)



- Red (94%)
- Yellow (96%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.0368, 91.0086, 95.4699 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 86.0368, 91.0086, 95.4699 by changing the saturation by 10% instead.

86.0368, 91.0086,
95.4699

86.0368, 91.0086,
95.4699

503.4847,
531.3064, 566.6909

65.0238, 68.8175,
71.9271

140.7274,
148.7386, 156.9148

47.7451, 50.5631,
52.6126

175.1357,
185.0463, 195.6539

33.8355, 35.8610,
37.1080

214.7398,
226.8282, 240.2956

22.9295, 24.3269,
24.9947

259.9050,
274.4689, 291.2584

14.6619, 15.5763,
15.8541

310.9968,
328.3526, 348.9608

8.6672, 9.2248,
9.2678

368.3804,

4.5801, 4.8881,

388.8639, 413.8213

4.8170

432.4213,
456.3870, 486.2585

■ 2.0353, 2.1818,
2.0835

■ 0.6537, 0.7100,
0.6059

■ 86.0368, 91.0086,
95.4699

■ 86.0368, 91.0086,
95.4699

■ 82.6336, 89.6494,
77.5770

■ 88.3685, 91.9450,
107.6974

■ 79.6999, 88.4750,
62.1673


■ 88.3760, 91.9489,
107.6977


■ 77.2172, 87.4810,
49.1331


■ 88.3835, 91.9528,
107.6981


■ 75.1632, 86.6586,
38.3562


■ 88.3911, 91.9567,
107.6985


 73.5135, 85.9978,
29.7085


 88.3986, 91.9606,
107.6988


 72.2414, 85.4881,
23.0488


 88.4062, 91.9645,
107.6992


 71.3168, 85.1174,
18.2193

 88.4137, 91.9684,
107.6995

 70.7052, 84.8719,
15.0379

 88.4213, 91.9723,
107.6999

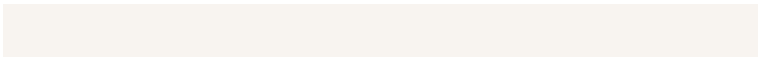
 70.3649, 84.7349,
13.2854

 88.4288, 91.9762,
107.7002

Harmonies

Analogous

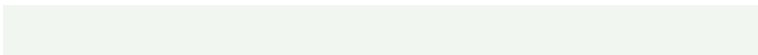
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7389, 91.0086, 95.2999



86.0368, 91.0086, 95.4699



85.4621, 91.0086, 96.6032

Triad

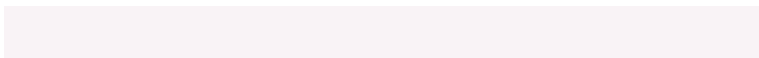
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0368, 91.0086, 95.4699



85.6272, 91.0086, 102.1103



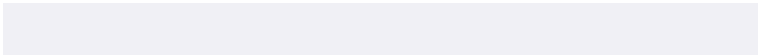
87.8496, 91.0086, 99.7752

Complementary

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



86.0368, 91.0086, 95.4699



83.5802, 87.4405, 98.8635

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.



87.5482, 91.0086, 101.6250



86.0368, 91.0086, 95.4699



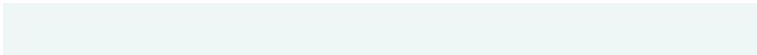
86.2635, 91.0086, 102.9852

Square

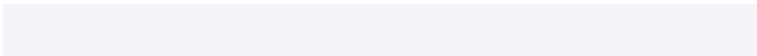
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



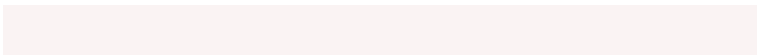
86.0368, 91.0086, 95.4699



85.2265, 91.0086, 100.4305



86.9668, 91.0086, 102.8064



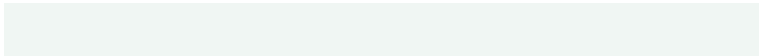
87.7881, 91.0086, 97.7672

Rectangle

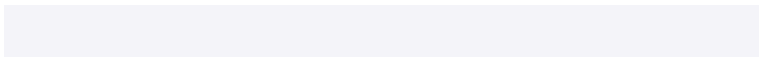
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



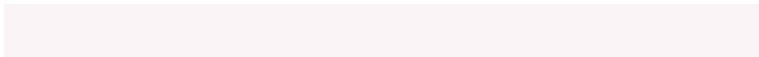
86.0368, 91.0086, 95.4699



85.2272, 91.0086, 97.7612



86.9668, 91.0086, 102.8064



87.7873, 91.0086, 100.4366

Sweetspot

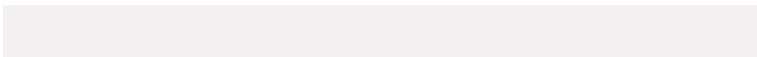
The Sweet Spot groups the original color and five complimentary colors.



86.0394, 91.0125, 95.4719



94.6413, 99.8364, 106.7520



84.5473, 88.0261, 94.9741



20.2614, 21.3708, 22.8720



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.



86.0394, 91.0125, 95.4719



94.2380, 99.6750, 104.6326



85.1738, 90.5663, 95.4314



18.4785, 19.5391, 20.5515



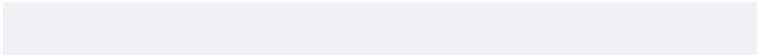
37.8368, 45.6184, 6.8110



3.3259, 4.0096, 0.5986

Inverse Universe

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



83.5802, 87.4405, 98.8635



91.5947, 95.8354, 108.2783



84.4341, 87.8807, 98.9035



17.9878, 18.8263, 21.2283



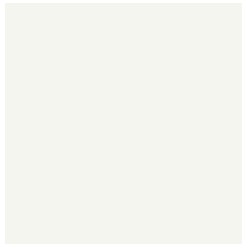
8.8809, 3.5526, 46.7557



0.7810, 0.3125, 4.1094

Previews

White Background



This preview shows how the XYZ color 86.0368, 91.0086, 95.4699 looks on a white background.

Color Contrast Check

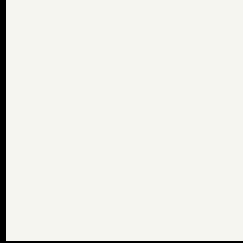
Large Text (above 18pt) WCAG AA × Fail

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 86.0368, 91.0086, 95.4699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

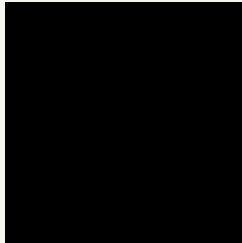
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

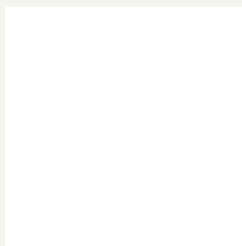
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0368, 91.0086, 95.4699

Background



This preview shows how black text looks on a background with the XYZ color 86.0368, 91.0086, 95.4699.



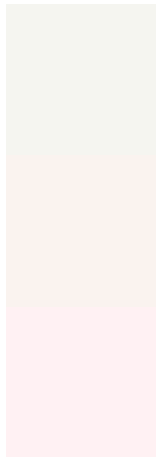
This preview shows how white text looks on a background with the XYZ color 86.0368, 91.0086,

95.4699.

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

86.0368, 91.0086, 95.4699

Protanopia

87.0549, 90.6572, 94.5717

Deuteranopia

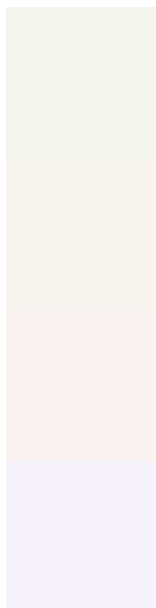
88.8730, 90.6417, 97.6055



Tritanopia

88.4584, 91.0953, 107.5286

Trichromacy



Original Color

86.0368, 91.0086, 95.4699

Protanomaly

86.6421, 90.8898, 94.6383

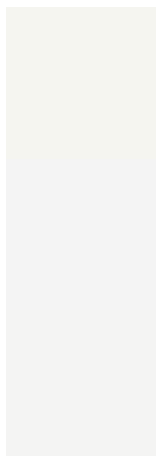
Deuteranomaly

87.5628, 90.4243, 96.8430

Tritanomaly

87.6120, 91.1963, 103.4275

Monochromacy



Original Color

86.0368, 91.0086, 95.4699

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.8366, 90.4055, 97.7200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0368, 91.0086, 95.4699 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(245, 245, 240) looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 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(245, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 240) }
```

Border

The CSS property to change the border of an element to XYZ 86.0368, 91.0086, 95.4699 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(245, 245, 240) }
```


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

```
.border{ border-color:rgb(245, 245, 240) }
```

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

Here you see how a box with a 4 pixel rgb(245, 245, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0368, 91.0086, 95.4699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 245, 240) }
```

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

```
.background{ background-color: rgb(245,  
245, 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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