

Converting Colors

XYZ(85.8870, 91.8029, 92.6358)

Have a look what the booklet for
XYZ(85.8870, 91.8029, 92.6358)
contains.

XYZ(86.0573, 91.9901, 92.5770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(86.0573, 91.9901,
92.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F7EC
RGB	245, 247, 236
RGB Percent	96%, 97%, 93%
CMY	0.0392, 0.0313, 0.0745
CMYK	0.01, 0.00, 0.04, 0.03
HSL	71°, 41%, 95%
HSV	71°, 4%, 97%
XYZ	86.0573, 91.9901, 92.5770
YIQ	245.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

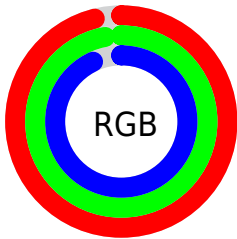
Format	Color
R_{YB}	236, 247, 238
Decimal	16119788
CIE _{Lab}	96.82, -2.57, 5.04
CIE _{LCh}	97, 5.655, 116.981
Yxy	91.9901, 0.3180, 0.3399
Android (android.graphics.Color)	4294309868 (0xFFFF5F7EC)
YUV	245.1480, -4.5100, -0.1298
Hunter-Lab	95.9115, -7.6846, 9.9093

Details

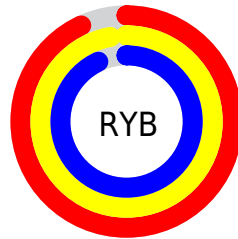
The XYZ color **86.0573, 91.9901, 92.5770** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.0472, 84.8858, 100.0606**, and the grayscale version is **86.9462, 91.4742, 99.6154**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8553, 51.3757, 50.5743** is the 20% darker color. If you saturate the color by 10%, you get **81.1643, 89.8567, 74.8924**, and if you desaturate by 10%, it is **90.5581, 93.9769, 107.9742**.

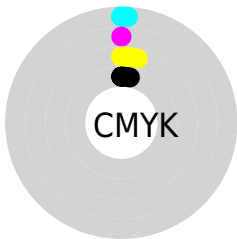
Distribution



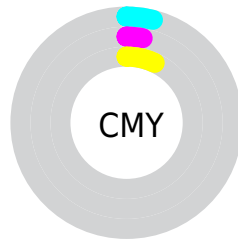
- Red (96%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.0573, 91.9901, 92.5770 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 86.0573, 91.9901, 92.5770 by changing the saturation by 10% instead.

86.0573, 91.9901,
92.5770

86.0573, 91.9901,
92.5770

503.5513,
534.4835, 557.1635

65.0408, 69.6324,
69.5343

140.7559,
150.0997, 152.8795

47.7590, 51.2269,
50.6725

175.1686,
186.6203, 190.9763

33.8465, 36.3892,
35.5731

214.7775,
228.6308, 234.9282

22.9380, 24.7350,
23.8176

259.9479,
276.5154, 285.1538

14.6682, 15.8797,
14.9874

311.0451,
330.6586, 342.0716

8.6717, 9.4391,
8.6640

368.4345,

4.5830, 5.0287,

391.4447, 406.1001

4.4289

432.4814,
459.2583, 477.6579

■ 2.0370, 2.2641,
1.8635

■ 0.6546, 0.7546,
0.4693

■ 86.0573, 91.9901,
92.5770

■ 86.0573, 91.9901,
92.5770

■ 81.1643, 89.8567,
74.8924

■ 90.5581, 93.9769,
107.9742

■ 76.7828, 87.9294,
59.7150

■ 92.1853, 94.8158,
108.0503

■ 72.8935, 86.2033,
46.9328

■ 92.5525, 95.0051,
108.0675

■ 69.4728, 84.6689,
36.4231

■ 66.4949, 83.3159,
28.0522

■ 63.9317, 82.1331,
21.6725

■ 61.7512, 81.1076,
17.1176

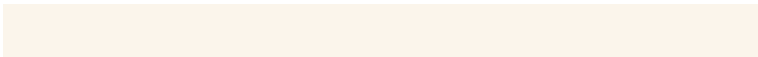
■ 59.9164, 80.2245,
14.1944

■ 58.3822, 79.4658,
12.6661

Harmonies

Analogous

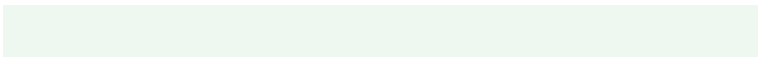
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5946, 91.9901, 91.6892



86.0573, 91.9901, 92.5770



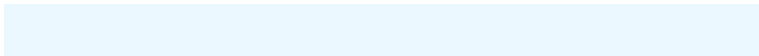
84.9012, 91.9901, 95.4766

Triad

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



86.0573, 91.9901, 92.5770



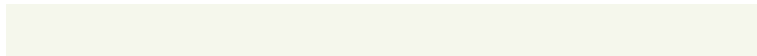
85.7823, 91.9901, 107.6660



90.5152, 91.9901, 100.6223

Complementary

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



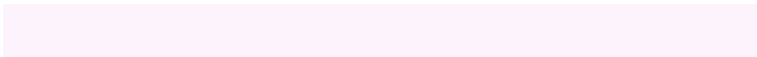
86.0573, 91.9901, 92.5770



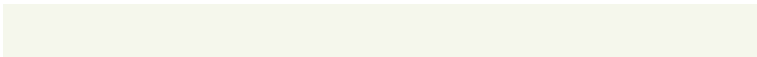
82.0472, 84.8858, 100.0606

Split Complementary

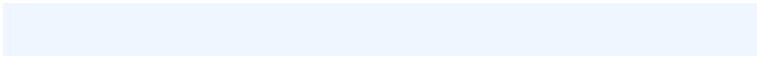
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0163, 91.9901, 104.9974



86.0573, 91.9901, 92.5770



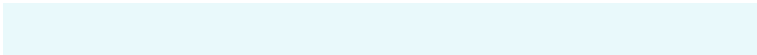
87.2733, 91.9901, 109.1404

Square

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



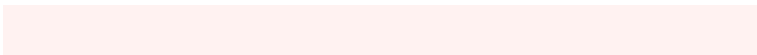
86.0573, 91.9901, 92.5770



84.7438, 91.9901, 104.1772



88.8250, 91.9901, 108.1495



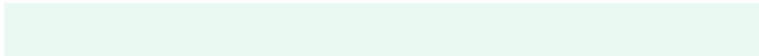
90.1802, 91.9901, 96.2505

Rectangle

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



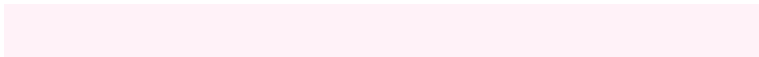
86.0573, 91.9901, 92.5770



84.4957, 91.9901, 98.2066



88.8250, 91.9901, 108.1495



90.4393, 91.9901, 102.1423

Sweetspot

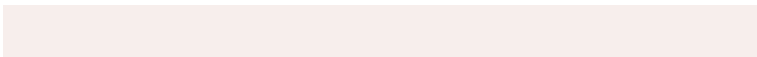
The Sweet Spot groups the original color and five complimentary colors.



86.0599, 91.9941, 92.5790



94.4714, 99.7489, 106.7441



84.0271, 86.8849, 91.7000



20.2269, 21.3530, 22.8703



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.



86.0599, 91.9941, 92.5790



92.2154, 98.7681, 98.4053



84.2263, 91.0488, 92.4932



18.0004, 19.3261, 19.0181



30.5855, 41.8802, 6.4717



2.7634, 3.7197, 0.5723

Inverse Universe

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



82.0472, 84.8858, 100.0606



87.3837, 90.2088, 107.4142



83.8642, 85.8225, 100.1457



16.9297, 17.4294, 21.0145



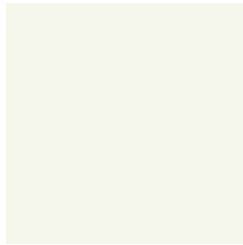
9.5354, 3.8900, 46.7863



0.9142, 0.3811, 4.1156

Previews

White Background



This preview shows how the XYZ color 86.0573, 91.9901, 92.5770 looks on a white background.

Color Contrast Check

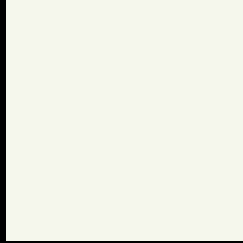
Large Text (above 18pt) WCAG AA × Fail

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 86.0573, 91.9901, 92.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

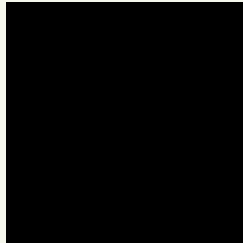
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

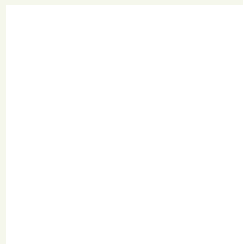
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0573, 91.9901, 92.5770

Background



This preview shows how black text looks on a background with the XYZ color 86.0573, 91.9901, 92.5770.



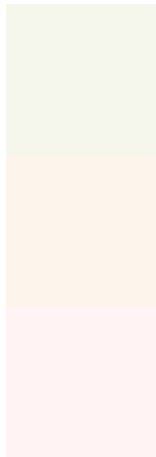
This preview shows how white text looks on a background with the XYZ color 86.0573, 91.9901,

92.570.

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

86.0573, 91.9901, 92.5770

Protanopia

88.1558, 92.1856, 91.7446

Deuteranopia

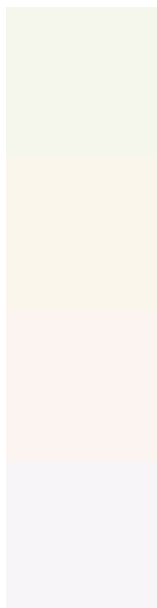
89.4683, 91.8322, 97.8039



Tritanopia

89.1121, 91.8778, 107.6452

Trichromacy



Original Color

86.0573, 91.9901, 92.5770

Protanomaly

87.3755, 92.2337, 91.7950

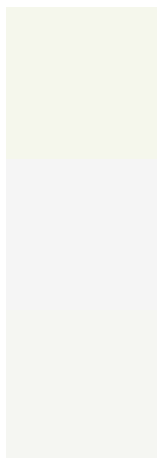
Deuteranomaly

87.8625, 91.5019, 95.4689

Tritanomaly

87.9535, 91.8563, 101.9013

Monochromacy



Original Color

86.0573, 91.9901, 92.5770

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.6390, 91.7348, 97.1446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0573, 91.9901, 92.5770 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, 247, 236) looks like.

```
.text, #text, p{  
    color:rgb(245, 247, 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(245, 247, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 247, 236) }
```

Border

The CSS property to change the border of an element to XYZ 86.0573, 91.9901, 92.5770 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, 247, 236) }
```


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

```
.border{ border-color:rgb(245, 247, 236) }
```

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

Here you see how a box with a 4 pixel rgb(245, 247, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 247, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 247, 236);  
box-shadow:4px 4px 4px 4px rgb(245, 247,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0573, 91.9901, 92.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 247, 236) }
```

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

```
.background{ background-color: rgb(245,  
247, 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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