

Converting Colors

XYZ(86.3764, 91.0715, 95.8906)

Have a look what the booklet for
XYZ(86.3764, 91.0715, 95.8906)
contains.

XYZ(86.5356, 91.2485, 96.2709)	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(86.5356, 91.2485,
96.2709)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F5F1
RGB	246, 245, 241
RGB Percent	96%, 96%, 95%
CMY	0.0353, 0.0392, 0.0549
CMYK	0.00, 0.00, 0.02, 0.04
HSL	48°, 22%, 95%
HSV	48°, 2%, 96%
XYZ	86.5356, 91.2485, 96.2709
YIQ	244.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

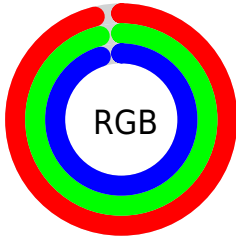
Format	Color
RYB	242, 246, 241
Decimal	16184817
CIELab	96.51, -0.36, 2.03
CIELCh	97, 2.060, 100.086
Yxy	91.2485, 0.3158, 0.3330
Android (android.graphics.Color)	4294374897 (0xFFFF6F5F1)
YUV	244.8430, -1.8946, 1.0147
Hunter-Lab	95.5241, -5.4634, 7.1133

Details

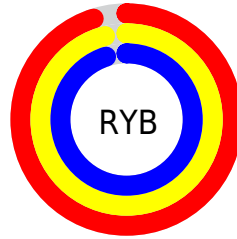
The XYZ color **86.5356, 91.2485, 96.2709** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.6623, 88.8576, 99.8790**, and the grayscale version is **86.6808, 91.1949, 99.3113**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1898, 50.8451, 53.1732** is the 20% darker color. If you saturate the color by 10%, you get **81.6449, 86.9552, 77.7192**, and if you desaturate by 10%, it is **90.2124, 95.1249, 108.2140**.

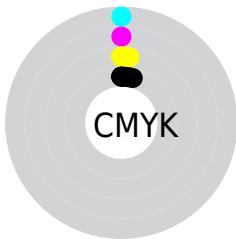
Distribution



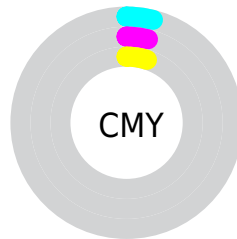
- Red (96%)
- Green (96%)
- Blue (95%)



- Red (95%)
- Yellow (96%)
- Blue (95%)



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



- Cyan (4%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.5356, 91.2485, 96.2709 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 86.5356, 91.2485, 96.2709 by changing the saturation by 10% instead.

86.5356, 91.2485,
96.2709

86.5356, 91.2485,
96.2709

505.1031,
532.0839, 569.3136

65.4377, 69.0166,
72.5905

141.4197,
149.0714, 158.0299

48.0821, 50.7252,
53.1514

175.9365,
185.4312, 196.9455

34.1034, 35.9900,
37.5351

215.6571,
227.2691, 241.7767

23.1363, 24.4265,
25.3230

260.9468,
274.9695, 292.9418

14.8155, 15.6503,
16.0967

312.1708,
328.9168, 350.8596

8.7754, 9.2770,
9.4375

369.6947,

4.6509, 4.9223,

389.4953, 415.9484

4.9269

433.8836,
457.0896, 488.6269

■ 2.0766, 2.2018,
2.1465

■ 0.6764, 0.7209,
0.6432

■ 86.5356, 91.2485,
96.2709

■ 86.5356, 91.2485,
96.2709

■ 81.6449, 86.9552,
77.7192

■ 90.2124, 95.1249,
108.2140

■ 77.2672, 82.9265,
61.6879

■ 91.7537, 98.2073,
108.7277

■ 73.3835, 79.1572,
48.0680

■ 91.8165, 98.3331,
108.7487

■ 69.9710, 75.6377,
36.7401

■ 67.0048, 72.3575,
27.5747

■ 64.4575, 69.3053,
20.4292

■ 62.2985, 66.4682,
15.1440

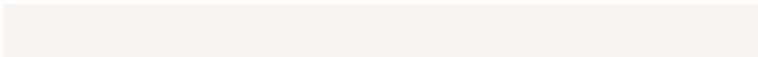
■ 60.4925, 63.8316,
11.5351

■ 58.9972, 61.3781,
9.3810

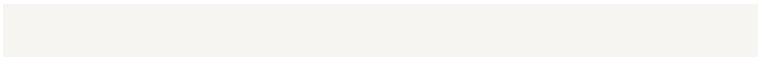
Harmonies

Analogous

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



87.1059, 91.2485, 96.4084



86.5356, 91.2485, 96.2709



86.0194, 91.2485, 96.9526

Triad

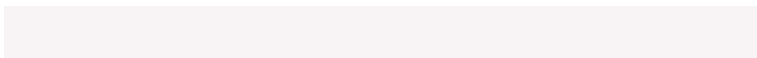
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5356, 91.2485, 96.2709



85.8863, 91.2485, 101.4058



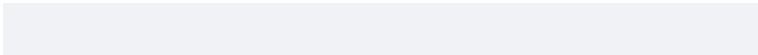
87.7720, 91.2485, 100.4359

Complementary

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



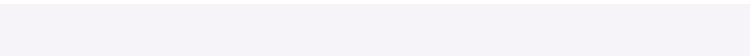
86.5356, 91.2485, 96.2709



84.6623, 88.8576, 99.8790

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.



87.4424, 91.2485, 101.7950



86.5356, 91.2485, 96.2709



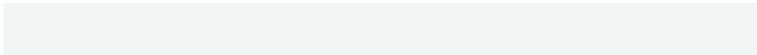
86.3531, 91.2485, 102.3592

Square

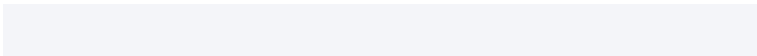
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



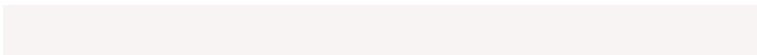
86.5356, 91.2485, 96.2709



85.6456, 91.2485, 99.9093



86.9226, 91.2485, 102.5024



87.8214, 91.2485, 98.8009

Rectangle

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



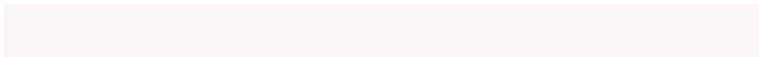
86.5356, 91.2485, 96.2709



85.7747, 91.2485, 97.7843



86.9226, 91.2485, 102.5024



87.6903, 91.2485, 100.9407

Sweetspot

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



86.5382, 91.2524, 96.2729



94.4803, 99.5133, 106.6981



85.4896, 88.9156, 96.6624



20.2287, 21.3051, 22.8610



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.



86.5382, 91.2524, 96.2729



93.9165, 99.0296, 104.5250



86.3161, 91.5863, 96.3490



18.4189, 19.4193, 20.5316



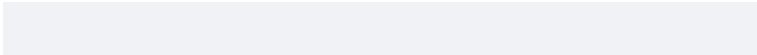
31.0468, 31.9791, 4.5363



2.7983, 2.9499, 0.4219

Inverse Universe

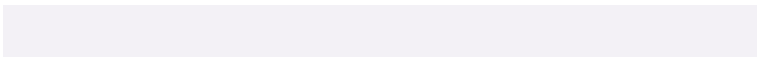
The Inverse Universe completely reimagines the original color for something new.



84.6623, 88.8576, 99.8790



91.9093, 96.4671, 108.3836



84.8810, 88.5317, 99.8045



18.0462, 18.9436, 21.2479



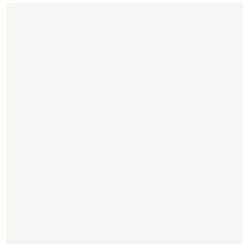
9.5425, 4.8788, 46.9768



0.9080, 0.5674, 4.1519

Previews

White Background



This preview shows how the XYZ color 86.5356, 91.2485, 96.2709 looks on a white background.

Color Contrast Check

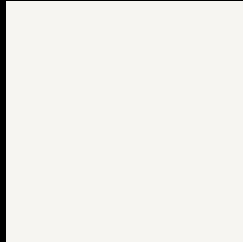
Large Text (above 18pt) WCAG AA × Fail

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 86.5356, 91.2485, 96.2709 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

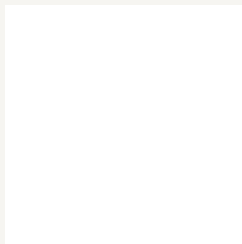
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.5356, 91.2485, 96.2709

Background



This preview shows how black text looks on a background with the XYZ color 86.5356, 91.2485, 96.2709.

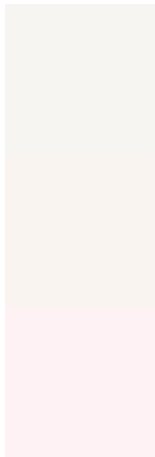


This preview shows how white text looks on a background with the XYZ color 86.5356, 91.2485,

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

86.5356, 91.2485, 96.2709

Protanopia

87.5032, 91.3166, 95.4520

Deuteranopia

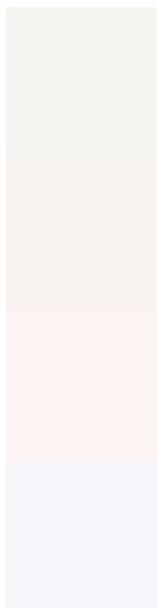
89.3213, 91.2959, 98.5021



Tritanopia

88.4584, 91.0953, 107.5286

Trichromacy



Original Color

86.5356, 91.2485, 96.2709

Protanomaly

87.1458, 91.1324, 95.4353

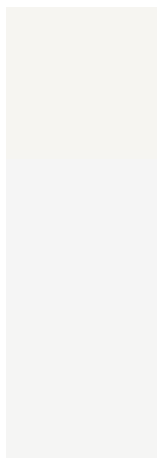
Deuteranomaly

88.3731, 91.2677, 97.7527

Tritanomaly

87.9638, 91.3777, 103.4439

Monochromacy



Original Color

86.5356, 91.2485, 96.2709

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.6377, 91.2489, 98.6345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5356, 91.2485, 96.2709 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(246, 245, 241) looks like.

```
.text, #text, p{  
    color:rgb(246, 245, 241)  
}
```

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(246, 245, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 245, 241) }
```

Border

The CSS property to change the border of an element to XYZ 86.5356, 91.2485, 96.2709 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(246, 245, 241) }
```


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

```
.border{ border-color:rgb(246, 245, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 245, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 245, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 245, 241);  
box-shadow:4px 4px 4px 4px rgb(246, 245,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5356, 91.2485, 96.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 245, 241) }
```

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

```
.background{ background-color: rgb(246,  
245, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor