

Converting Colors

XYZ(86.3479, 91.1248, 96.9080)

Have a look what the booklet for
XYZ(86.3479, 91.1248, 96.9080)
contains.

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Color

**XYZ(86.3356, 91.1281,
97.0435)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F5F2
RGB	245, 245, 242
RGB Percent	96%, 96%, 95%
CMY	0.0392, 0.0392, 0.0510
CMYK	0.00, 0.00, 0.01, 0.04
HSL	60°, 13%, 95%
HSV	60°, 1%, 96%
XYZ	86.3356, 91.1281, 97.0435
YIQ	244.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

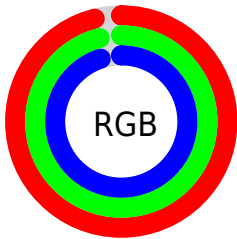
Format	Color
R _Y B	242, 245, 242
Decimal	16119282
CIE Lab	96.46, -0.52, 1.43
CIE LCh	96, 1.522, 110.012
Yxy	91.1281, 0.3145, 0.3320
Android (android.graphics.Color)	4294309362 (0xFF5F5F2)
YUV	244.6580, -1.3104, 0.2999
Hunter-Lab	95.4610, -5.6202, 6.5499

Details

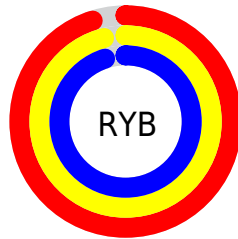
The XYZ color **86.3356, 91.1281, 97.0435** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.8550, 88.9765, 99.0928**, and the grayscale version is **86.5282, 91.0344, 99.1365**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0468, 50.7592, 53.7195** is the 20% darker color. If you saturate the color by 10%, you get **82.8882, 89.7506, 78.9428**, and if you desaturate by 10%, it is **88.3733, 91.9475, 107.6976**.

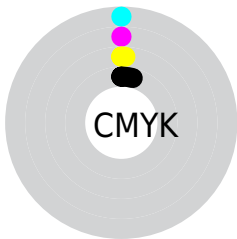
Distribution



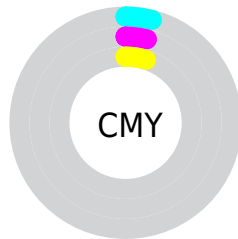
- Red (96%)
- Green (96%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.3356, 91.1281, 97.0435 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 86.3356, 91.1281, 97.0435 by changing the saturation by 10% instead.

86.3356, 91.1281,
97.0435

86.3356, 91.1281,
97.0435

504.4545,
531.6937, 571.8371

65.2717, 68.9167,
73.2307

141.1421,
148.9044, 159.1046

47.9470, 50.6438,
53.6716

175.6155,
185.2380, 198.1899

33.9960, 35.9252,
37.9478

215.2894,
227.0479, 243.2031

23.0534, 24.3765,
25.6407

260.5292,
274.7183, 294.5629

14.7538, 15.6131,
16.3317

311.7003,
328.6337, 352.6876

8.7320, 9.2508,
9.6023

369.1679,

4.6225, 4.9051,

389.1785, 417.9958

5.0339

433.2976,
456.7370, 490.9062

■ 2.0600, 2.1917,
2.2081

■ 0.6673, 0.7155,
0.6790

■ 86.3356, 91.1281,
97.0435

■ 86.3356, 91.1281,
97.0435

■ 82.8882, 89.7506,
78.9428

■ 88.3733, 91.9475,
107.6976

■ 79.9118, 88.5586,
63.3341


■ 88.3857, 91.9539,
107.6982


■ 77.3882, 87.5477,
50.1101


■ 88.3982, 91.9603,
107.6988


■ 75.2952, 86.7091,
39.1534


■ 88.4106, 91.9667,
107.6994


 73.6087, 86.0331,
30.3367


 88.4230, 91.9731,
107.6999


 72.3019, 85.5089,
23.5202


 88.4354, 91.9795,
107.7005

 71.3453, 85.1249,
18.5475

 88.4479, 91.9859,
107.7011

 70.7047, 84.8672,
15.2389

 88.4603, 91.9924,
107.7017

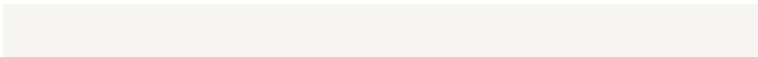
 70.3393, 84.7196,
13.3791

 88.4727, 91.9988,
107.7023

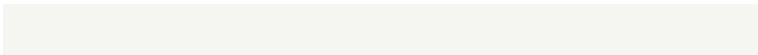
Harmonies

Analogous

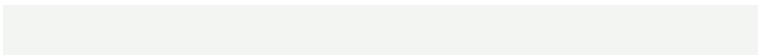
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7561, 91.1281, 96.9394



86.3356, 91.1281, 97.0435



85.9909, 91.1281, 97.7289

Triad

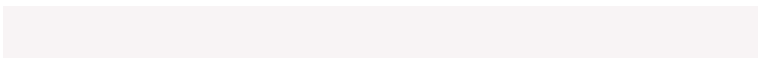
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3356, 91.1281, 97.0435



86.0912, 91.1281, 101.0242



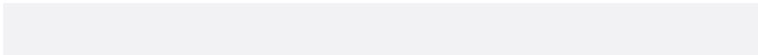
87.4206, 91.1281, 99.6289

Complementary

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



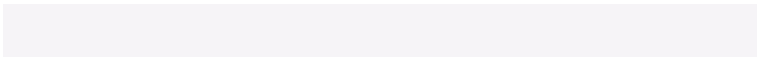
86.3356, 91.1281, 97.0435



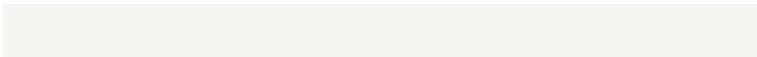
84.8550, 88.9765, 99.0928

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.



87.2412, 91.1281, 100.7323



86.3356, 91.1281, 97.0435



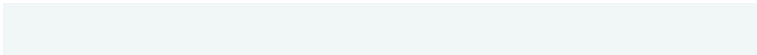
86.4731, 91.1281, 101.5422

Square

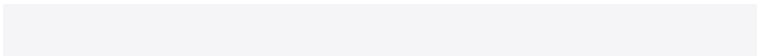
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



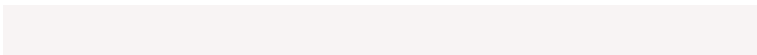
86.3356, 91.1281, 97.0435



85.8501, 91.1281, 100.0248



86.8941, 91.1281, 101.4349



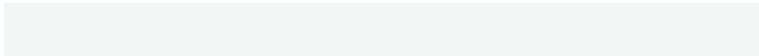
87.3835, 91.1281, 98.4255

Rectangle

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



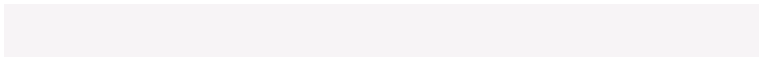
86.3356, 91.1281, 97.0435



85.8500, 91.1281, 98.4264



86.8941, 91.1281, 101.4349



87.3836, 91.1281, 100.0239

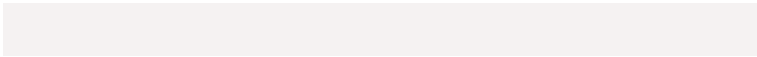
Sweetspot

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



86.3382, 91.1320, 97.0455

95.0500, 100.0000, 108.9000



85.4381, 89.3297, 96.7450



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



86.3382, 91.1320, 97.0455



94.6407, 99.8361, 106.7520



85.8177, 90.8637, 97.0211



18.5533, 19.5690, 20.9451



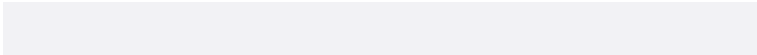
37.8110, 45.6051, 6.8098



3.3240, 4.0086, 0.5986

Inverse Universe

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



84.8550, 88.9765, 99.0928



93.3113, 97.9040, 108.5871



85.3712, 89.2427, 99.1169



18.3066, 19.2104, 21.2857



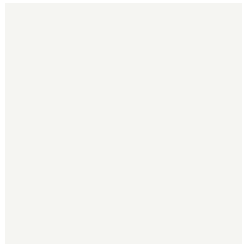
8.8823, 3.5533, 46.7557



0.7814, 0.3127, 4.1094

Previews

White Background



This preview shows how the XYZ color 86.3356, 91.1281, 97.0435 looks on a white background.

Color Contrast Check

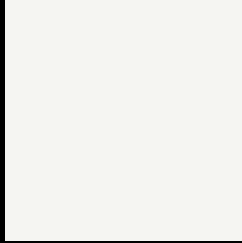
Large Text (above 18pt) WCAG AA × Fail

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 86.3356, 91.1281, 97.0435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

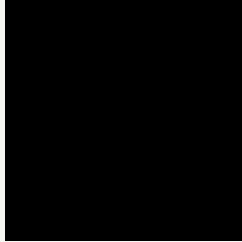
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

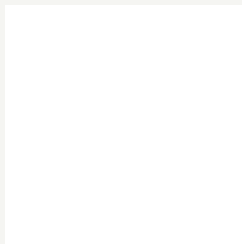
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.3356, 91.1281, 97.0435

Background



This preview shows how black text looks on a background with the XYZ color 86.3356, 91.1281, 97.0435.



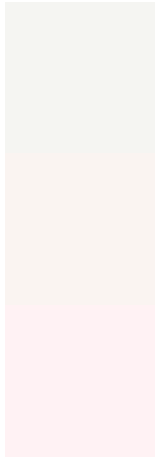
This preview shows how white text looks on a background with the XYZ color 86.3356, 91.1281,

97.0435.

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

86.3356, 91.1281, 97.0435

Protanopia

87.6522, 91.3762, 96.2367

Deuteranopia

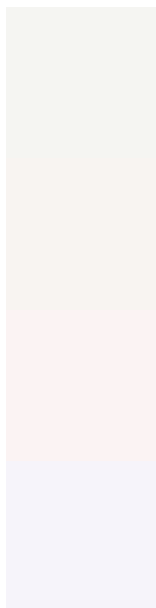
89.3213, 91.2959, 98.5021



Tritanopia

88.4584, 91.0953, 107.5286

Trichromacy



Original Color

86.3356, 91.1281, 97.0435

Protanomaly

86.9393, 91.0087, 96.2033

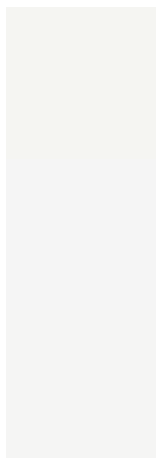
Deuteranomaly

88.0119, 91.0815, 97.7358

Tritanomaly

87.6120, 91.1963, 103.4275

Monochromacy



Original Color

86.3356, 91.1281, 97.0435

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 86.3356, 91.1281, 97.0435 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, 242) looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 242) }
```

Border

The CSS property to change the border of an element to XYZ 86.3356, 91.1281, 97.0435 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, 242) }
```

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

```
.border{ border-color:rgb(245, 245, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 242);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
242) }
```


Background

The CSS property to change the background color of an element to XYZ 86.3356, 91.1281, 97.0435 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, 242) }
```

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

```
.background{ background-color: rgb(245,  
245, 242) }
```

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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