

Converting Colors

XYZ(86.9969, 91.1917, 99.0248)

Have a look what the booklet for
XYZ(86.9969, 91.1917, 99.0248)
contains.

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Color

**XYZ(86.8382, 90.8868,
99.3522)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F4F5
RGB	246, 244, 245
RGB Percent	96%, 96%, 96%
CMY	0.0353, 0.0431, 0.0392
CMYK	0.00, 0.01, 0.00, 0.04
HSL	330°, 10%, 96%
HSV	330°, 1%, 96%
XYZ	86.8382, 90.8868, 99.3522
YIQ	244.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

Format	Color
R_{YB}	246, 244, 245
Decimal	16184565
CIE Lab	96.36, 0.85, -0.26
CIE LCh	96, 0.883, 343.185
Yxy	90.8868, 0.3134, 0.3280
Android (android.graphics.Color)	4294374645 (0xFF6F4F5)
YUV	244.7120, 0.1420, 1.1296
Hunter-Lab	95.3346, -4.2437, 4.9456

Details

The XYZ color **86.8382, 90.8868, 99.3522** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.7489, 91.7397, 99.5263**, and the grayscale version is **86.5603, 91.0682, 99.1733**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4037, 50.5877, 55.3574** is the 20% darker color. If you saturate the color by 10%, you get **78.1057, 76.3328, 87.4646**, and if you desaturate by 10%, it is **91.8166, 98.3331, 108.7487**.

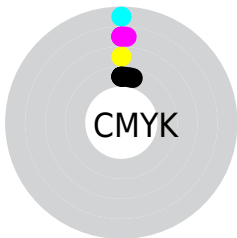
Distribution



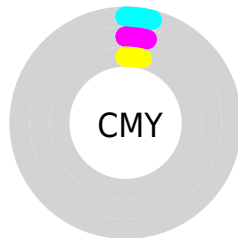
- Red (96%)
- Green (96%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.8382, 90.8868, 99.3522 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 86.8382, 90.8868, 99.3522 by changing the saturation by 10% instead.

86.8382, 90.8868,
99.3522

86.8382, 90.8868,
99.3522

506.0836,
530.9114, 579.3427

65.6889, 68.7164,
75.1458

141.8394,
148.5696, 162.3108

48.2867, 50.4808,
55.2299

176.4220,
184.8507, 201.9000

34.2662, 35.7956,
39.1860

216.2132,
226.6043, 247.4539

23.2620, 24.2763,
26.5955

261.5781,
274.2146, 299.3911

14.9088, 15.5387,
17.0399

312.8823,
328.0661, 358.1300

8.8413, 9.1983,
10.1007

370.4910,

4.6941, 4.8708,

388.5431, 424.0892

5.3593

434.7697,
456.0301, 497.6872

■ 2.1018, 2.1716,
2.3972

■ 0.6902, 0.7045,
0.7849

■ 86.8382, 90.8868,
99.3522

■ 86.8382, 90.8868,
99.3522

■ 78.1057, 76.3328,
87.4646

■ 91.8166, 98.3331,
108.7487

■ 70.4427, 63.7220,
76.5391

■ 63.8077, 52.9748,
66.5505

■ 58.1539, 44.0010,
57.4706

■ 53.4303, 36.7034,
49.2693

■ 49.5812, 30.9748,
41.9143

■ 46.5447, 26.6960,
35.3709

■ 44.2499, 23.7300,
29.6008

■ 42.6126, 21.9133,
24.5605

Harmonies

Analogous

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



86.7089, 90.8868, 99.9501



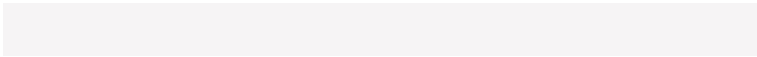
86.8382, 90.8868, 99.3522



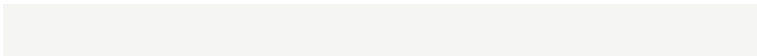
86.8460, 90.8868, 98.6520

Triad

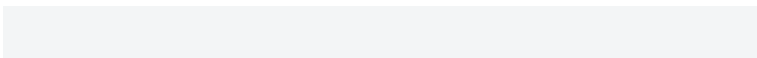
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.8382, 90.8868, 99.3522



86.2775, 90.8868, 97.6488



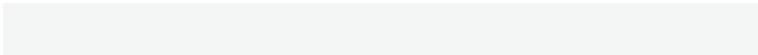
86.0412, 90.8868, 99.8891

Complementary

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



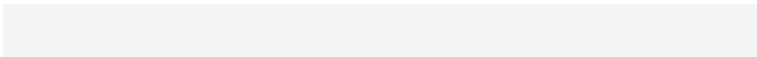
86.8382, 90.8868, 99.3522



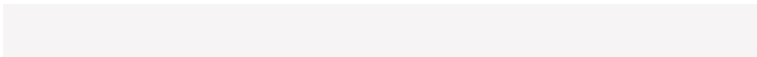
86.7489, 91.7397, 99.5263

Split Complementary

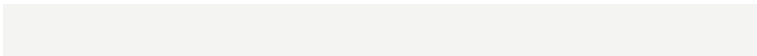
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9260, 90.8868, 99.2692



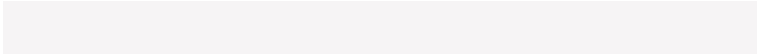
86.8382, 90.8868, 99.3522



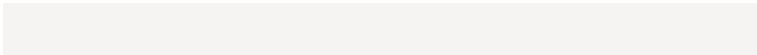
86.0623, 90.8868, 97.9770

Square

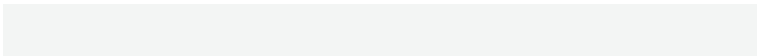
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.8382, 90.8868, 99.3522



86.5219, 90.8868, 97.6708



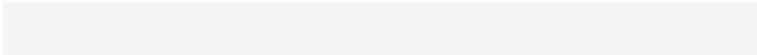
85.9337, 90.8868, 98.5694



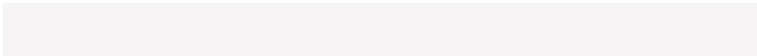
86.2486, 90.8868, 100.2611

Rectangle

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



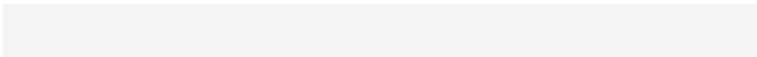
86.8382, 90.8868, 99.3522



86.7812, 90.8868, 98.2216



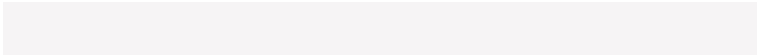
85.9337, 90.8868, 98.5694



85.9904, 90.8868, 99.7027

Sweetspot

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



86.8408, 90.8907, 99.3542

95.0500, 100.0000, 108.9000



86.6448, 90.7720, 100.1443



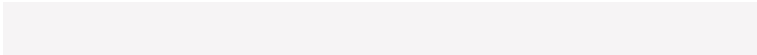
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

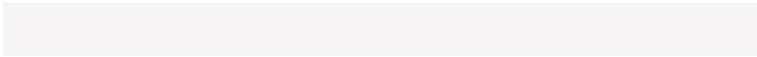
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.8408, 90.8907, 99.3542



94.0368, 98.3018, 107.5508



86.6891, 90.8300, 98.5556



18.4412, 19.2843, 21.0934



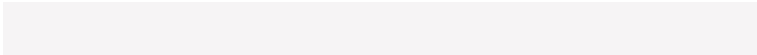
22.2564, 11.2460, 11.3243



2.0080, 1.0092, 1.2684

Inverse Universe

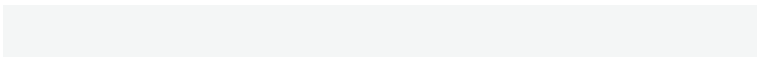
The Inverse Universe completely reimagines the original color for something new.



86.8408, 90.8907, 99.3542



94.0368, 98.3018, 107.5508



86.9014, 91.8007, 100.3293



18.4412, 19.2843, 21.0934



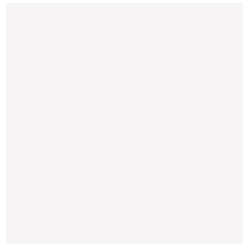
22.2564, 11.2460, 11.3243



2.0080, 1.0092, 1.2684

Previews

White Background



This preview shows how the XYZ color 86.8382, 90.8868, 99.3522 looks on a white background.

Color Contrast Check

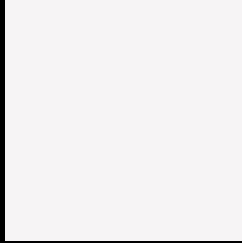
Large Text (above 18pt) WCAG AA × Fail

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 86.8382, 90.8868, 99.3522 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

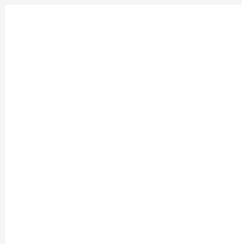
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.8382, 90.8868, 99.3522

Background



This preview shows how black text looks on a background with the XYZ color 86.8382, 90.8868, 99.3522.

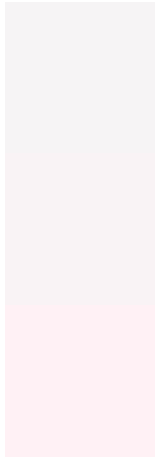


This preview shows how white text looks on a background with the XYZ color 86.8382, 90.8868,

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

86.8382, 90.8868, 99.3522

Protanopia

87.5989, 90.8335, 99.3019

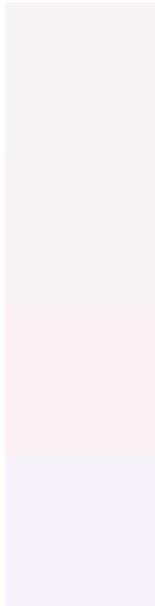
Deuteranopia

89.1767, 90.7632, 99.2051

Tritanopia

88.4584, 91.0953, 107.5286

Trichromacy



Original Color

86.8382, 90.8868, 99.3522

Protanomaly

87.2434, 90.6502, 99.2852

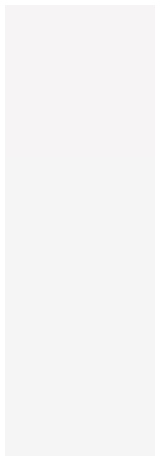
Deuteranomaly

88.3784, 90.7923, 99.2528

Tritanomaly

87.8210, 90.8404, 104.1721

Monochromacy



Original Color

86.8382, 90.8868, 99.3522

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.7900, 91.3099, 99.4364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.8382, 90.8868, 99.3522 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, 244, 245) looks like.

```
.text, #text, p{  
    color:rgb(246, 244, 245)  
}
```

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, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 244, 245) }
```

Border

The CSS property to change the border of an element to XYZ 86.8382, 90.8868, 99.3522 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, 244, 245) }
```

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

```
.border{ border-color:rgb(246, 244, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 244, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(246, 244,  
245) }
```


Background

The CSS property to change the background color of an element to XYZ 86.8382, 90.8868, 99.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 244, 245) }
```

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

```
.background{ background-color: rgb(246,  
244, 245) }
```

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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