

Converting Colors

XYZ(86.4909, 90.8410, 98.5644)

Have a look what the booklet for
XYZ(86.4909, 90.8410, 98.5644)
contains.

XYZ(86.3360, 90.6455, 98.5339)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(86.3360, 90.6455,
98.5339)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F4F4
RGB	245, 244, 244
RGB Percent	96%, 96%, 96%
CMY	0.0392, 0.0431, 0.0431
CMYK	0.00, 0.00, 0.00, 0.04
HSL	0°, 5%, 96%
HSV	0°, 0%, 96%
XYZ	86.3360, 90.6455, 98.5339
YIQ	244.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

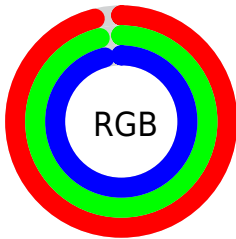
Format	Color
R_{YB}	245, 244, 244
Decimal	16119028
CIE _{Lab}	96.26, 0.34, 0.11
CIE _{LCh}	96, 0.354, 17.616
Yxy	90.6455, 0.3134, 0.3290
Android (android.graphics.Color)	4294309108 (0xFF5F4F4)
YUV	244.2990, -0.1474, 0.6148
Hunter-Lab	95.2079, -4.7474, 5.2843

Details

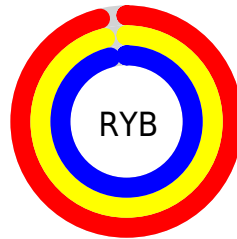
The XYZ color **86.3360, 90.6455, 98.5339** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.4421, 91.1293, 99.4212**, and the grayscale version is **86.2315, 90.7222, 98.7965**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0466, 50.4161, 54.7759** is the 20% darker color. If you saturate the color by 10%, you get **75.9992, 75.5339, 77.9385**, and if you desaturate by 10%, it is **91.4667, 98.1528, 108.7323**.

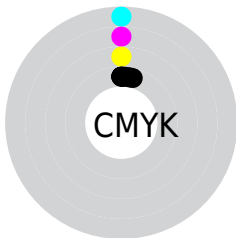
Distribution



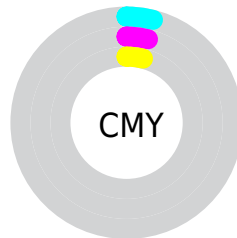
- Red (96%)
- Green (96%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.3360, 90.6455, 98.5339 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 86.3360, 90.6455, 98.5339 by changing the saturation by 10% instead.

86.3360, 90.6455,
98.5339

86.3360, 90.6455,
98.5339

504.4558,
530.1284, 576.6884

65.2721, 68.5161,
74.4667

141.1427,
148.2347, 161.1752

47.9472, 50.3178,
54.6770

175.6161,
184.4633, 200.5864

33.9962, 35.6659,
38.7463

215.2901,
226.1605, 245.9493

23.0535, 24.1763,
26.2561

260.5301,
273.7106, 297.6824

14.7540, 15.4645,
16.7879

311.7012,
327.4981, 356.2044

8.7321, 9.1460,
9.9230

369.1690,

4.6225, 4.8365,

387.9073, 421.9336

5.2430

433.2987,
455.3226, 495.2888

■ 2.0600, 2.1517,
2.3293

■ 0.6673, 0.6935,
0.7476

■ 86.3360, 90.6455,
98.5339

■ 86.3360, 90.6455,
98.5339

■ 75.9992, 75.5339,
77.9385

■ 91.4667, 98.1528,
108.7323

■ 67.0689, 62.4763,
60.1548

■ 59.4867, 51.3876,
45.0628

■ 53.1872, 42.1723,
32.5314

■ 48.0995, 34.7272,
22.4185

■ 44.1458, 28.9386,
14.5684

■ 41.2393, 24.6802,
8.8071

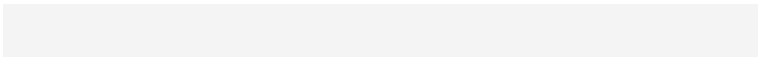
■ 39.2807, 21.8072,
4.9352

■ 38.1517, 20.1471,
2.7151

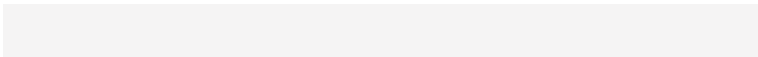
Harmonies

Analogous

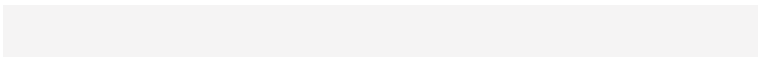
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3405, 90.6455, 98.8136



86.3360, 90.6455, 98.5339



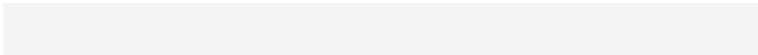
86.2832, 90.6455, 98.2985

Triad

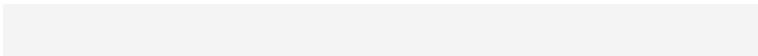
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3360, 90.6455, 98.5339



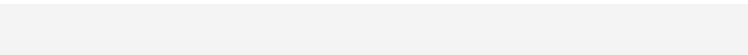
86.0164, 90.6455, 98.3333



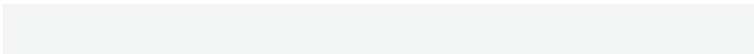
86.1153, 90.6455, 99.2269

Complementary

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



86.3360, 90.6455, 98.5339



86.4421, 91.1293, 99.4212

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.



86.0286, 90.6455, 99.0977



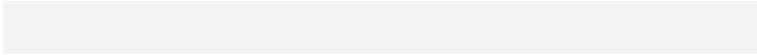
86.3360, 90.6455, 98.5339



85.9715, 90.6455, 98.5816

Square

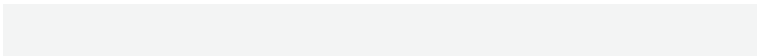
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



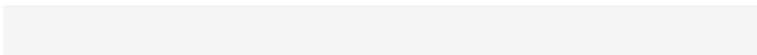
86.3360, 90.6455, 98.5339



86.0987, 90.6455, 98.1828



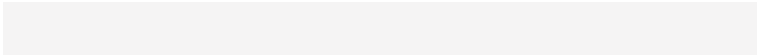
85.9759, 90.6455, 98.8614



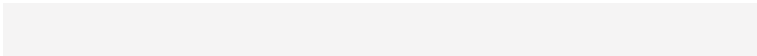
86.2130, 90.6455, 99.2141

Rectangle

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



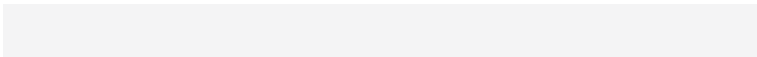
86.3360, 90.6455, 98.5339



86.2278, 90.6455, 98.1981



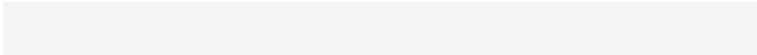
85.9759, 90.6455, 98.8614



86.0839, 90.6455, 99.1986

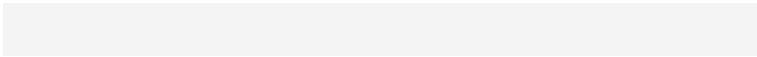
Sweetspot

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



86.3386, 90.6494, 98.5359

95.0500, 100.0000, 108.9000



86.4896, 90.7078, 99.3373



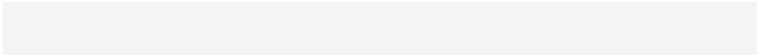
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



86.3386, 90.6494, 98.5359

95.0500, 100.0000, 108.9000



86.4880, 90.9482, 98.5857



18.6292, 19.5994, 21.3438



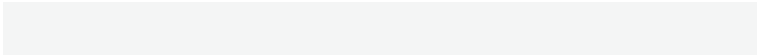
20.2945, 10.4746, 0.9522



1.7856, 0.9244, 0.0843

Inverse Universe

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



86.4421, 91.1293, 99.4212

95.0500, 100.0000, 108.9000



86.2923, 90.8297, 99.3712



18.6292, 19.5994, 21.3438



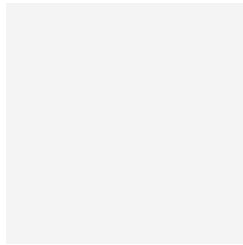
26.3079, 38.4096, 52.5653



2.3141, 3.3796, 4.6206

Previews

White Background



This preview shows how the XYZ color 86.3360, 90.6455, 98.5339 looks on a white background.

Color Contrast Check

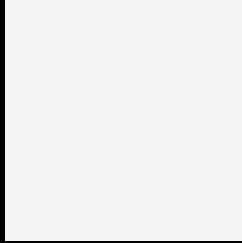
Large Text (above 18pt) WCAG AA × Fail

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 86.3360, 90.6455, 98.5339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

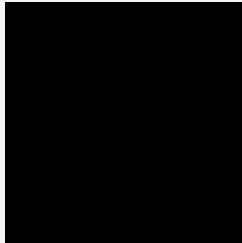
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

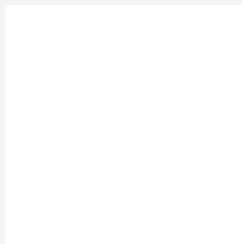
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.3360, 90.6455, 98.5339

Background



This preview shows how black text looks on a background with the XYZ color 86.3360, 90.6455, 98.5339.



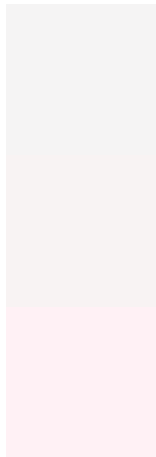
This preview shows how white text looks on a background with the XYZ color 86.3360, 90.6455,

98.5 39.

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

86.3360, 90.6455, 98.5339

Protanopia

86.9397, 90.5287, 97.6856

Deuteranopia

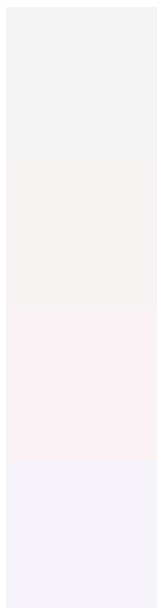
89.1767, 90.7632, 99.2051



Tritanopia

87.8082, 90.3171, 107.4127

Trichromacy



Original Color

86.3360, 90.6455, 98.5339

Protanomaly

86.5860, 90.3464, 97.6690

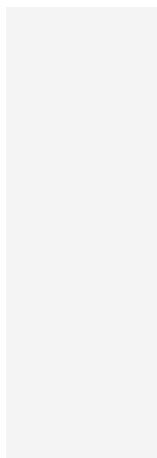
Deuteranomaly

88.0172, 90.6061, 99.2359

Tritanomaly

87.4692, 90.6590, 104.1556

Monochromacy



Original Color

86.3360, 90.6455, 98.5339

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.9880, 90.4661, 98.5176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3360, 90.6455, 98.5339 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, 244, 244) looks like.

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

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, 244, 244) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 86.3360, 90.6455, 98.5339 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, 244, 244) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 86.3360, 90.6455, 98.5339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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