

Converting Colors

XYZ(84.9026, 90.0079, 94.9600)

Have a look what the booklet for
XYZ(84.9026, 90.0079, 94.9600)
contains.

XYZ(85.0410, 90.0473, 95.3368)	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(85.0410, 90.0473,
95.3368)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F4F0
RGB	243, 244, 240
RGB Percent	95%, 96%, 94%
CMY	0.0471, 0.0431, 0.0588
CMYK	0.00, 0.00, 0.02, 0.04
HSL	75°, 15%, 95%
HSV	75°, 2%, 96%
XYZ	85.0410, 90.0473, 95.3368
YIQ	243.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

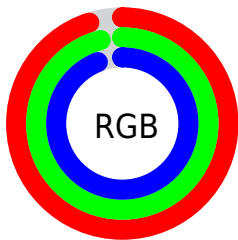
Format	Color
R _Y B	240, 244, 241
Decimal	15987952
CIE Lab	96.02, -1.03, 1.80
CIE LCh	96, 2.070, 119.825
Yxy	90.0473, 0.3145, 0.3330
Android (android.graphics.Color)	4294178032 (0xFFFF3F4F0)
YUV	243.2450, -1.5998, -0.2149
Hunter-Lab	94.8933, -6.0959, 6.8581

Details

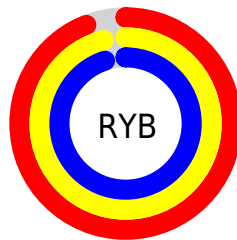
The XYZ color **85.0410, 90.0473, 95.3368** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.7683, 87.5550, 98.0773**, and the grayscale version is **85.4006, 89.8481, 97.8446**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1285, 49.9919, 52.5129** is the 20% darker color. If you saturate the color by 10%, you get **79.5812, 87.6263, 77.4149**, and if you desaturate by 10%, it is **89.5126, 92.0869, 107.6645**.

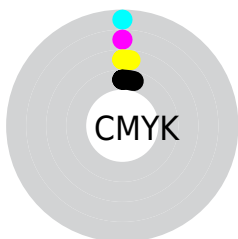
Distribution



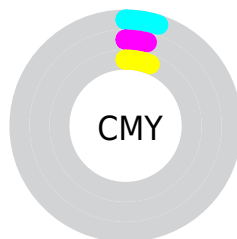
- Red (95%)
- Green (96%)
- Blue (94%)



- Red (94%)
- Yellow (96%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.0410, 90.0473, 95.3368 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 85.0410, 90.0473, 95.3368 by changing the saturation by 10% instead.

85.0410, 90.0473,
95.3368

85.0410, 90.0473,
95.3368

500.2454,
528.1847, 566.2545

64.1979, 68.0199,
71.8169

139.3442,
147.4041, 156.7294

47.0732, 49.9139,
52.5232

173.5350,
183.5023, 195.4392

33.3017, 35.3450,
37.0372

212.9056,
225.0594, 240.0493

22.5180, 23.9287,
24.9402

257.8216,
272.4601, 290.9784

14.3568, 15.2808,
15.8139

308.6482,
326.0885, 348.6449

8.4526, 9.0167,
9.2397

365.7508,

4.4401, 4.7521,

386.3292, 413.4674

4.7989

429.4947,
453.5664, 485.8644

■ 1.9540, 2.1025,
2.0731

■ 0.6079, 0.6661,
0.5997

■ 85.0410, 90.0473,
95.3368

■ 85.0410, 90.0473,
95.3368

■ 79.5812, 87.6263,
77.4149

■ 89.5126, 92.0869,
107.6645

■ 74.6567, 85.4246,
61.9598

■ 91.6424, 93.1848,
107.7641

■ 70.2489, 83.4376,
48.8649

■ 66.3349, 81.6560,
38.0137

■ 62.8900, 80.0698,
29.2795

■ 59.8870, 78.6681,
22.5235

■ 57.2958, 77.4388,
17.5898

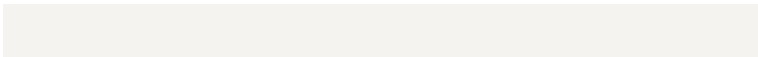
■ 55.0815, 76.3678,
14.2996

■ 53.2025, 75.4384,
12.4375

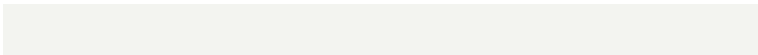
Harmonies

Analogous

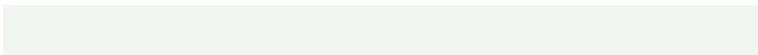
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5906, 90.0473, 94.9276



85.0410, 90.0473, 95.3368



84.6392, 90.0473, 96.4702

Triad

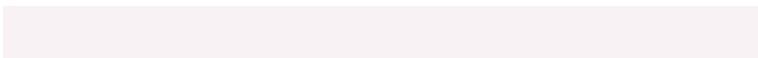
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0410, 90.0473, 95.3368



85.0352, 90.0473, 100.7966



86.6927, 90.0473, 98.0558

Complementary

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



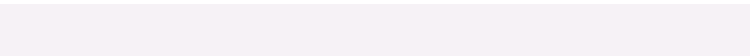
85.0410, 90.0473, 95.3368



83.7683, 87.5550, 98.0773

Split Complementary

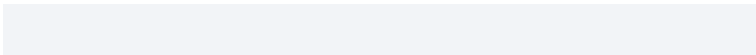
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.5423, 90.0473, 99.6392



85.0410, 90.0473, 95.3368



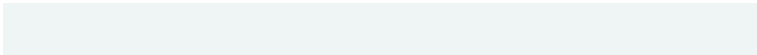
85.5839, 90.0473, 101.2324

Square

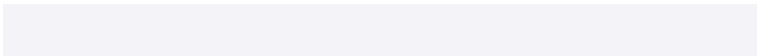
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



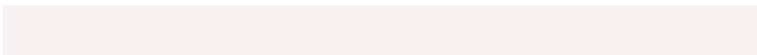
85.0410, 90.0473, 95.3368



84.6359, 90.0473, 99.6224



86.1358, 90.0473, 100.8065



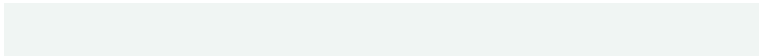
86.5457, 90.0473, 96.4868

Rectangle

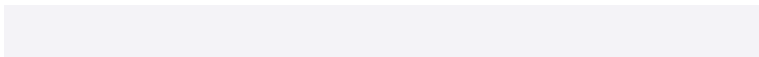
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



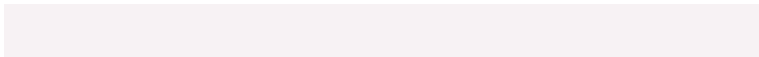
85.0410, 90.0473, 95.3368



84.5085, 90.0473, 97.4904



86.1358, 90.0473, 100.8065



86.6752, 90.0473, 98.6041

Sweetspot

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



85.0435, 90.0512, 95.3388

95.0500, 100.0000, 108.9000



84.4948, 88.4377, 95.0563



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

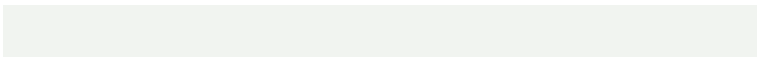
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0435, 90.0512, 95.3388



93.7706, 99.4341, 104.6107



84.3574, 89.6975, 95.3067



18.3918, 19.4944, 20.5475



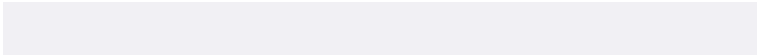
28.3154, 40.7099, 6.3654



2.5822, 3.6262, 0.5638

Inverse Universe

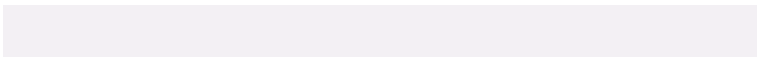
The Inverse Universe completely reimagines the original color for something new.



83.7683, 87.5550, 98.0773



92.0528, 96.0716, 108.2997



84.4544, 87.9087, 98.1094



18.0729, 18.8701, 21.2323



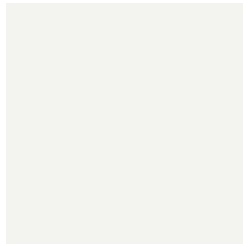
10.0368, 4.1485, 46.8098



0.9727, 0.4113, 4.1184

Previews

White Background



This preview shows how the XYZ color 85.0410, 90.0473, 95.3368 looks on a white background.

Color Contrast Check

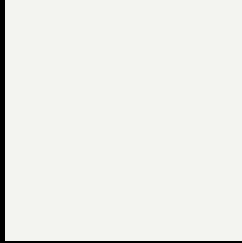
Large Text (above 18pt) WCAG AA × Fail

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 85.0410, 90.0473, 95.3368 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

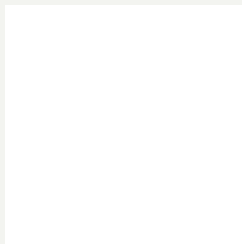
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.0410, 90.0473, 95.3368

Background



This preview shows how black text looks on a background with the XYZ color 85.0410, 90.0473, 95.3368.



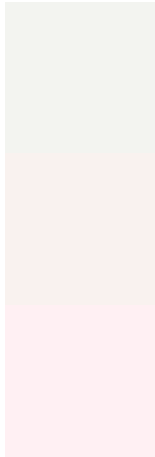
This preview shows how white text looks on a background with the XYZ color 85.0410, 90.0473,

95.3368.

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

85.0410, 90.0473, 95.3368

Protanopia

86.3990, 89.8760, 94.4554

Deuteranopia

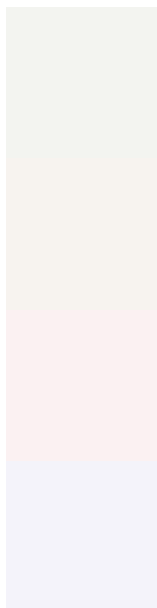
88.5778, 90.0512, 97.5071



Tritanopia

87.4583, 90.1367, 107.3963

Trichromacy



Original Color

85.0410, 90.0473, 95.3368

Protanomaly

85.9884, 90.1073, 94.5217

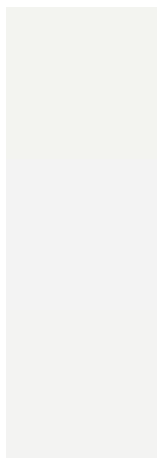
Deuteranomaly

87.2660, 89.8306, 96.7440

Tritanomaly

86.6141, 90.2364, 103.2948

Monochromacy



Original Color

85.0410, 90.0473, 95.3368

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.0398, 89.5667, 96.8104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0410, 90.0473, 95.3368 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(243, 244, 240) looks like.

```
.text, #text, p{  
    color:rgb(243, 244, 240)  
}
```

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(243, 244, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 244, 240) }
```

Border

The CSS property to change the border of an element to XYZ 85.0410, 90.0473, 95.3368 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(243, 244, 240) }
```

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

```
.border{ border-color:rgb(243, 244, 240) }
```

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

Here you see how a box with a 4 pixel rgb(243, 244, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 244, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 244, 240);  
box-shadow:4px 4px 4px 4px rgb(243, 244,  
240) }
```


Background

The CSS property to change the background color of an element to XYZ 85.0410, 90.0473, 95.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 244, 240) }
```

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

```
.background{ background-color: rgb(243,  
244, 240) }
```

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