

Converting Colors

XYZ(85.1114, 89.5297, 96.0147)

Have a look what the booklet for
XYZ(85.1114, 89.5297, 96.0147)
contains.

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Color

**XYZ(85.2360, 89.6852,
96.0376)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F3F1
RGB	244, 243, 241
RGB Percent	96%, 95%, 95%
CMY	0.0431, 0.0470, 0.0549
CMYK	0.00, 0.00, 0.01, 0.04
HSL	40°, 12%, 95%
HSV	40°, 1%, 96%
XYZ	85.2360, 89.6852, 96.0376
YIQ	243.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

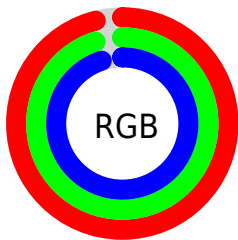
Format	Color
R_{YB}	243, 244, 241
Decimal	16053233
CIE _{Lab}	95.87, -0.01, 1.07
CIE _{LCh}	96, 1.069, 90.717
Yxy	89.6852, 0.3146, 0.3310
Android (android.graphics.Color)	4294243313 (0xFFFF4F3F1)
YUV	243.0710, -1.0210, 0.8147
Hunter-Lab	94.7023, -5.0715, 6.1656

Details

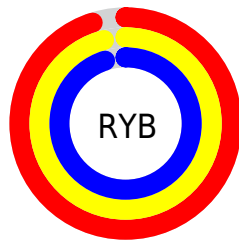
The XYZ color **85.2360, 89.6852, 96.0376** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.3568, 88.7354, 98.2707**, and the grayscale version is **85.2573, 89.6973, 97.6804**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2663, 49.7348, 53.0075** is the 20% darker color. If you saturate the color by 10%, you get **79.4634, 83.5866, 77.3199**, and if you desaturate by 10%, it is **89.8882, 95.5124, 108.3059**.

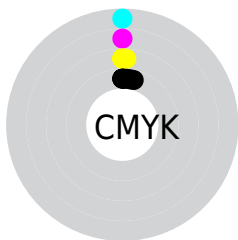
Distribution



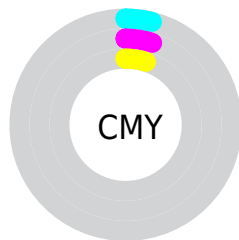
- Red (96%)
- Green (95%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2360, 89.6852, 96.0376 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 85.2360, 89.6852, 96.0376 by changing the saturation by 10% instead.

85.2360, 89.6852,
96.0376

85.2360, 89.6852,
96.0376

500.8806,
527.0063, 568.5504

64.3595, 67.7196,
72.3972

139.6152,
146.9010, 157.7052

47.2047, 49.6696,
52.9944

173.8486,
182.9201, 196.5695

33.4061, 35.1510,
37.4106

213.2651,
224.3923, 241.3455

22.5985, 23.7792,
25.2273

258.2300,
271.7022, 292.4518

14.4164, 15.1699,
16.0259

309.1086,
325.2342, 350.3069

8.4945, 8.9387,
9.3879

366.2664,

4.4674, 4.7012,

385.3726, 415.3293

4.8948

430.0686,
452.5018, 487.9377

■ 1.9698, 2.0731,
2.1280

■ 0.6169, 0.6494,
0.6324

■ 85.2360, 89.6852,
96.0376

■ 85.2360, 89.6852,
96.0376

■ 79.4634, 83.5866,
77.3199

■ 89.8882, 95.5124,
108.3059

■ 74.2629, 77.8828,
61.1050

■ 91.1187, 97.9734,
108.7160

■ 69.6149, 72.5667,
47.2864

■ 65.4960, 67.6265,
35.7474

■ 61.8809, 63.0500,
26.3614

■ 58.7417, 58.8234,
18.9896

■ 56.0476, 54.9322,
13.4766

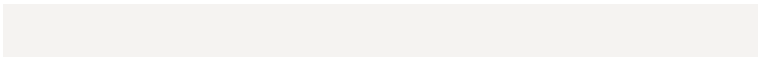
■ 53.7633, 51.3597,
9.6440

■ 51.8466, 48.0865,
7.2781

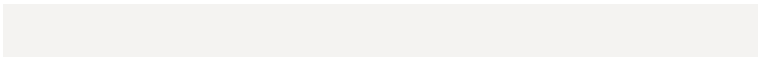
Harmonies

Analogous

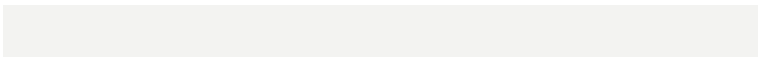
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5207, 89.6852, 96.2428



85.2360, 89.6852, 96.0376



84.9539, 89.6852, 96.2629

Triad

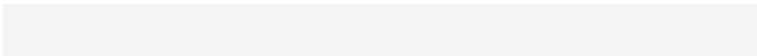
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2360, 89.6852, 96.0376



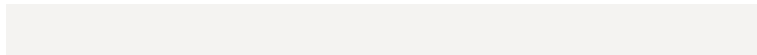
84.7567, 89.6852, 98.4835



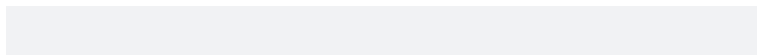
85.7385, 89.6852, 98.4482

Complementary

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



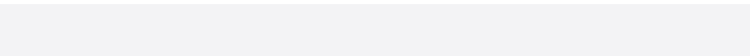
85.2360, 89.6852, 96.0376



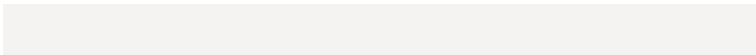
84.3568, 88.7354, 98.2707

Split Complementary

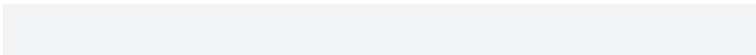
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.5330, 89.6852, 99.0543



85.2360, 89.6852, 96.0376



84.9661, 89.6852, 99.0748

Square

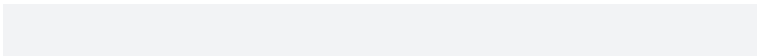
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



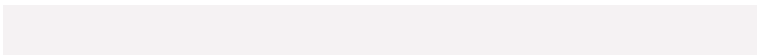
85.2360, 89.6852, 96.0376



84.6775, 89.6852, 97.6722



85.2502, 89.6852, 99.2843



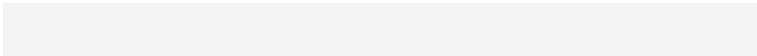
85.8112, 89.6852, 97.6316

Rectangle

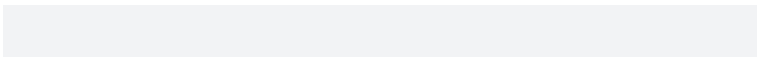
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



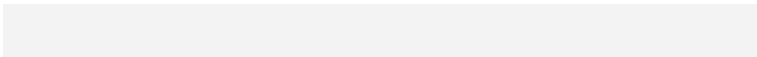
85.2360, 89.6852, 96.0376



84.8051, 89.6852, 96.6277



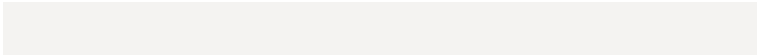
85.2502, 89.6852, 99.2843



85.6826, 89.6852, 98.6834

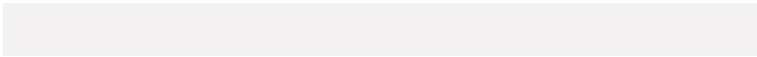
Sweetspot

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



85.2385, 89.6891, 96.0396

95.0500, 100.0000, 108.9000



84.7918, 88.5558, 96.6296



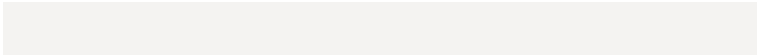
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



85.2385, 89.6891, 96.0396



94.3727, 99.2981, 106.6623



85.3640, 90.1973, 96.1310



18.5036, 19.4692, 20.9285



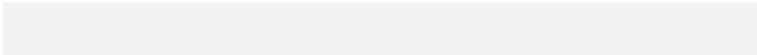
27.5407, 24.9670, 3.3676



2.5146, 2.3824, 0.3273

Inverse Universe

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



84.3568, 88.7354, 98.2707



93.5769, 98.4373, 108.6760



84.2323, 88.2325, 98.1802



18.3559, 19.3094, 21.3022



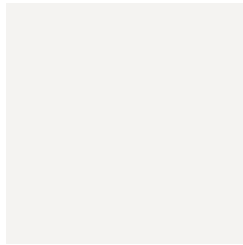
10.5894, 6.9726, 47.3257



1.0212, 0.7937, 4.1896

Previews

White Background



This preview shows how the XYZ color 85.2360, 89.6852, 96.0376 looks on a white background.

Color Contrast Check

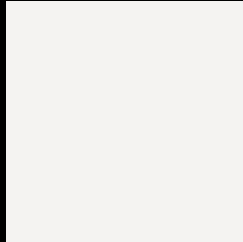
Large Text (above 18pt) WCAG AA × Fail

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 85.2360, 89.6852, 96.0376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

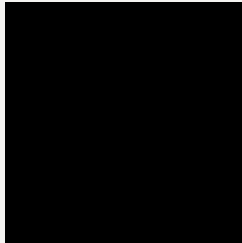
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

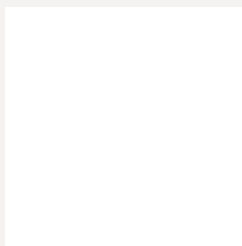
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2360, 89.6852, 96.0376

Background



This preview shows how black text looks on a background with the XYZ color 85.2360, 89.6852, 96.0376.



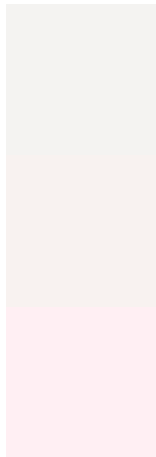
This preview shows how white text looks on a background with the XYZ color 85.2360, 89.6852,

96.0376.

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

85.2360, 89.6852, 96.0376

Protanopia

86.1917, 89.7520, 95.2192

Deuteranopia

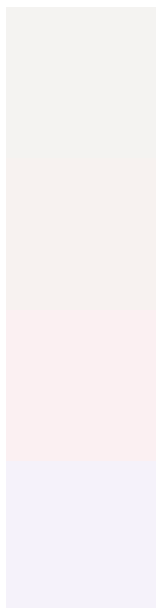
88.2842, 89.4641, 97.4092



Tritanopia

87.5113, 89.7234, 107.3138

Trichromacy



Original Color

85.2360, 89.6852, 96.0376

Protanomaly

85.8381, 89.5697, 95.2026

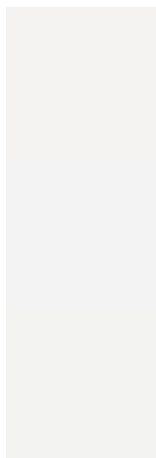
Deuteranomaly

86.9708, 89.2402, 96.6456

Tritanomaly

86.6636, 89.8189, 103.2116

Monochromacy



Original Color

85.2360, 89.6852, 96.0376

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 85.2360, 89.6852, 96.0376 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(244, 243, 241) looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 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(244, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 241) }
```

Border

The CSS property to change the border of an element to XYZ 85.2360, 89.6852, 96.0376 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(244, 243, 241) }
```

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

```
.border{ border-color:rgb(244, 243, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 243, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
241) }
```


Background

The CSS property to change the background color of an element to XYZ 85.2360, 89.6852, 96.0376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 243, 241) }
```

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

```
.background{ background-color: rgb(244,  
243, 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](#).

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