

Converting Colors

XYZ(85.6504, 88.6354, 98.0658)

Have a look what the booklet for
XYZ(85.6504, 88.6354, 98.0658)
contains.

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Color

**XYZ(85.4953, 88.4447,
98.1534)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F0F4
RGB	246, 240, 244
RGB Percent	96%, 94%, 96%
CMY	0.0353, 0.0588, 0.0431
CMYK	0.00, 0.02, 0.01, 0.04
HSL	320°, 25%, 95%
HSV	320°, 2%, 96%
XYZ	85.4953, 88.4447, 98.1534
YIQ	242.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

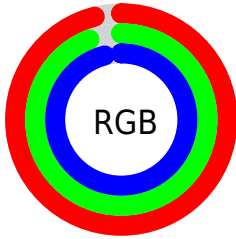
Format	Color
R _Y B	246, 240, 244
Decimal	16183540
CIE Lab	95.35, 2.71, -1.22
CIE LCh	95, 2.972, 335.700
Yxy	88.4447, 0.3142, 0.3251
Android (android.graphics.Color)	4294373620 (0xFF6F0F4)
YUV	242.2500, 0.8628, 3.2887
Hunter-Lab	94.0450, -2.3065, 3.9514

Details

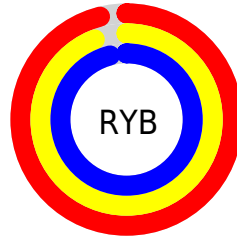
The XYZ color **85.4953, 88.4447, 98.1534** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.9213, 90.8500, 97.0690**, and the grayscale version is **84.5904, 88.9957, 96.9163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4528, 48.8590, 54.5066** is the 20% darker color. If you saturate the color by 10%, you get **77.5212, 74.4452, 89.4850**, and if you desaturate by 10%, it is **91.3702, 98.1546, 106.3979**.

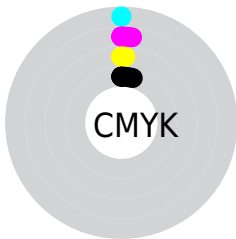
Distribution



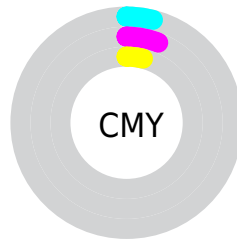
- Red (96%)
- Green (94%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4953, 88.4447, 98.1534 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 85.4953, 88.4447, 98.1534 by changing the saturation by 10% instead.

85.4953, 88.4447,
98.1534

85.4953, 88.4447,
98.1534

501.7246,
522.9584, 575.4520

64.5746, 66.6914,
74.1510

139.9754,
145.1761, 160.6469

47.3796, 48.8339,
54.4201

174.2656,
180.9230, 199.9750

33.5451, 34.4877,
38.5422

213.7429,
222.1033, 245.2489

22.7056, 23.2685,
26.0987

258.7727,
269.1013, 296.8869

14.4957, 14.7919,
16.6710

309.7205,
322.3014, 355.3077

8.5503, 8.6735,
9.8408

366.9514,

4.5038, 4.5288,

382.0880, 420.9298

5.1893

430.8310,
448.8456, 494.1717

■ 1.9909, 1.9736,
2.2981

■ 0.6288, 0.5920,
0.7301

■ 85.4953, 88.4447,
98.1534

■ 85.4953, 88.4447,
98.1534

■ 77.5212, 74.4452,
89.4850

■ 91.3702, 98.1546,
106.3979

■ 70.5418, 62.3487,
81.4173

■ 91.8166, 98.3331,
108.7487

■ 64.5170, 52.0750,
73.9345

■ 59.4012, 43.5340,
67.0175

■ 55.1447, 36.6274,
60.6462

■ 51.6929, 31.2474,
54.7985

■ 48.9847, 27.2729,
49.4502

■ 46.9496, 24.5644,
44.5737

■ 45.5027, 22.9535,
40.1367

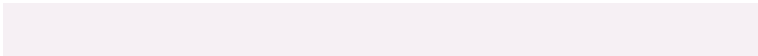
Harmonies

Analogous

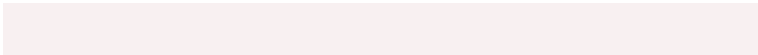
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9786, 88.4447, 99.9789



85.4953, 88.4447, 98.1534



85.6275, 88.4447, 95.8578

Triad

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



85.4953, 88.4447, 98.1534



83.9090, 88.4447, 91.9193



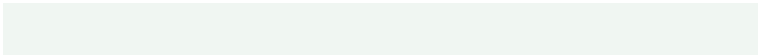
82.8023, 88.4447, 98.9346

Complementary

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



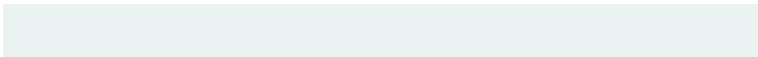
85.4953, 88.4447, 98.1534



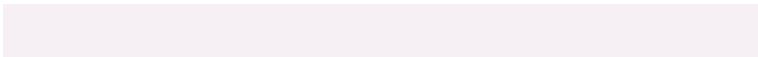
84.9213, 90.8500, 97.0690

Split Complementary

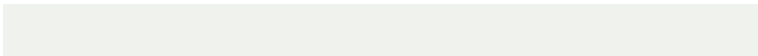
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5197, 88.4447, 96.7461



85.4953, 88.4447, 98.1534



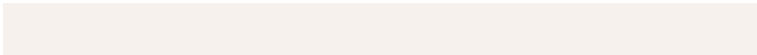
83.1561, 88.4447, 92.7149

Square

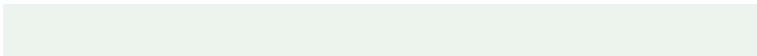
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4953, 88.4447, 98.1534



84.7083, 88.4447, 92.2825



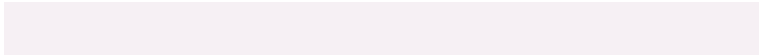
82.6488, 88.4447, 94.4725



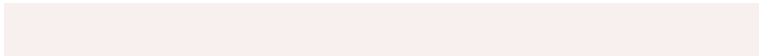
83.4231, 88.4447, 100.4350

Rectangle

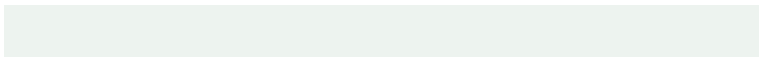
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.4953, 88.4447, 98.1534



85.4790, 88.4447, 94.3748



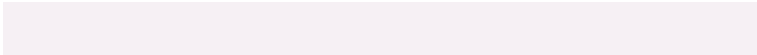
82.6488, 88.4447, 94.4725



82.6648, 88.4447, 98.2537

Sweetspot

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



85.4978, 88.4485, 98.1553



94.1052, 98.3291, 107.9110



84.4161, 87.8556, 99.6987



20.1524, 21.0641, 23.1078



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

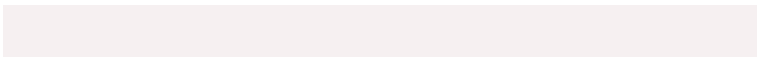
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4978, 88.4485, 98.1553



92.2497, 95.0525, 105.9532



85.0464, 88.2679, 95.7781



17.9399, 18.3819, 20.6168



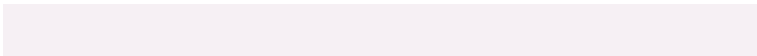
23.9278, 11.9146, 20.1262



2.1506, 1.0662, 2.0194

Inverse Universe

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



85.4978, 88.4485, 98.1553



92.2497, 95.0525, 105.9532



85.3752, 91.0315, 99.4592



17.9399, 18.3819, 20.6168



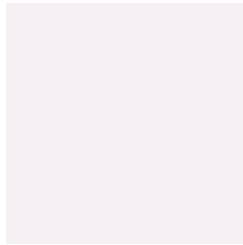
23.9278, 11.9146, 20.1262



2.1506, 1.0662, 2.0194

Previews

White Background



This preview shows how the XYZ color 85.4953, 88.4447, 98.1534 looks on a white background.

Color Contrast Check

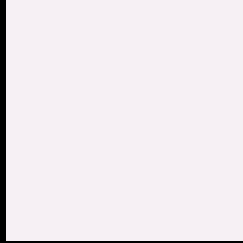
Large Text (above 18pt) WCAG AA × Fail

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 85.4953, 88.4447, 98.1534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

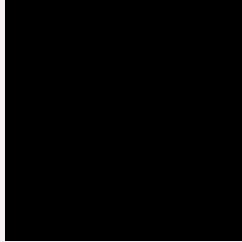
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

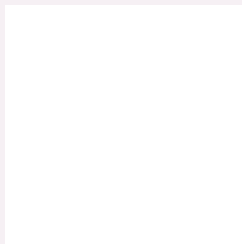
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.4953, 88.4447, 98.1534

Background



This preview shows how black text looks on a background with the XYZ color 85.4953, 88.4447, 98.1534.



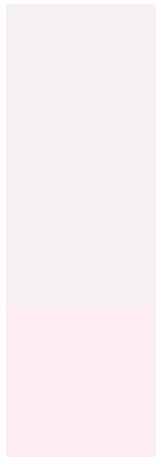
This preview shows how white text looks on a background with the XYZ color 85.4953, 88.4447,

98.1534.

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

85.4953, 88.4447, 98.1534

Protanopia

85.1454, 88.2643, 98.1370

Deuteranopia

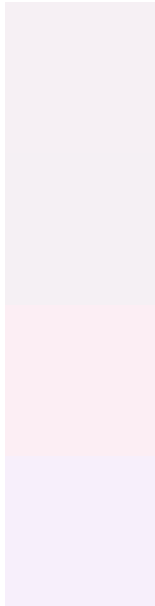
87.8533, 88.3600, 98.0128



Tritanopia

86.9823, 88.1432, 107.0366

Trichromacy



Original Color

85.4953, 88.4447, 98.1534

Protanomaly

85.1454, 88.2643, 98.1370

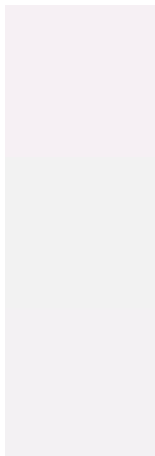
Deuteranomaly

87.0486, 88.3762, 98.0583

Tritanomaly

86.6369, 88.4722, 103.7774

Monochromacy



Original Color

85.4953, 88.4447, 98.1534

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.5951, 88.4363, 97.4053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4953, 88.4447, 98.1534 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, 240, 244) looks like.

```
.text, #text, p{  
    color:rgb(246, 240, 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(246, 240, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 240, 244) }
```

Border

The CSS property to change the border of an element to XYZ 85.4953, 88.4447, 98.1534 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, 240, 244) }
```


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

```
.border{ border-color:rgb(246, 240, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 240, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 240, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 240, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 240,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4953, 88.4447, 98.1534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 240, 244) }
```

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

```
.background{ background-color: rgb(246,  
240, 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](#).

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