

Converting Colors

XYZ(85.1250, 85.8184, 96.6054)

Have a look what the booklet for
XYZ(85.1250, 85.8184, 96.6054)
contains.

XYZ(85.0248, 85.6407, 96.8430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(85.0248, 85.6407,
96.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEAF3
RGB	250, 234, 243
RGB Percent	98%, 92%, 95%
CMY	0.0196, 0.0823, 0.0471
CMYK	0.00, 0.06, 0.03, 0.02
HSL	326°, 62%, 95%
HSV	326°, 6%, 98%
XYZ	85.0248, 85.6407, 96.8430
YIQ	239.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

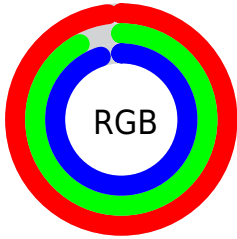
Format	Color
R _{YB}	250, 234, 243
Decimal	16444147
CIE Lab	94.16, 6.95, -2.41
CIE LCh	94, 7.354, 340.871
Yxy	85.6407, 0.3178, 0.3201
Android (android.graphics.Color)	4294634227 (0xFFFAEAF3)
YUV	239.8100, 1.5727, 8.9366
Hunter-Lab	92.5423, 2.0510, 2.7342

Details

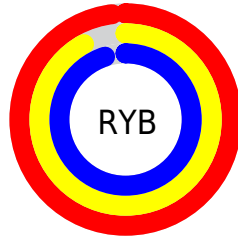
The XYZ color **85.0248, 85.6407, 96.8430** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9977, 92.2167, 96.5961**, and the grayscale version is **82.6624, 86.9673, 94.7074**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1382, 46.8980, 53.5815** is the 20% darker color. If you saturate the color by 10%, you get **76.8009, 71.7577, 86.1922**, and if you desaturate by 10%, it is **93.0649, 98.9963, 107.9204**.

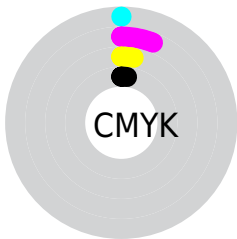
Distribution



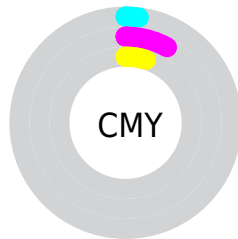
- Red (98%)
- Green (92%)
- Blue (95%)



- Red (98%)
- Yellow (92%)
- Blue (95%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.0248, 85.6407, 96.8430 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 85.0248, 85.6407, 96.8430 by changing the saturation by 10% instead.


 85.0248, 85.6407,
96.8430

 85.0248, 85.6407,
96.8430


500.1926,
513.7457, 571.1828

 64.1844, 64.3709,
73.0645


139.3217,
141.2680, 158.8257

 47.0623, 46.9511,
53.5366


173.5089,
176.3943, 197.8671

 33.2931, 32.9970,
37.8406

212.8758,
216.9082, 242.8331

 22.5114, 22.1242,
25.5582

257.7877,
263.1941, 294.1424

 14.3518, 13.9482,
16.2706

308.6099,
315.6364, 352.2135

 8.4491, 8.0846,
9.5594

365.7079,

 4.4378, 4.1491,

374.6195, 417.4649

5.0061

429.4470,
440.5278, 490.3152

■ 1.9527, 1.7573,
2.1920

■ 0.6072, 0.4604,
0.6698

■ 85.0248, 85.6407,
96.8430

■ 85.0248, 85.6407,
96.8430

■ 76.8009, 71.7577,
86.1922

■ 93.0649, 98.9963,
107.9204

■ 69.6337, 59.8345,
76.3701

■ 93.2348, 99.0643,
108.8151

■ 63.4793, 49.7845,
67.3542

■ 58.2874, 41.5106,
59.1192

■ 54.0035, 34.9064,
51.6377

■ 50.5672, 29.8543,
44.8801

■ 47.9105, 26.2213,
38.8141

■ 45.9537, 23.8512,
33.4030

■ 44.5978, 22.5498,
28.6035

Harmonies

Analogous

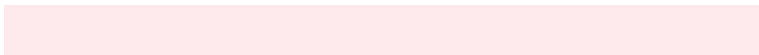
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.8990, 85.6407, 101.6813



85.0248, 85.6407, 96.8430



85.1700, 85.6407, 91.2202

Triad

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



85.0248, 85.6407, 96.8430



80.6877, 85.6407, 83.0100



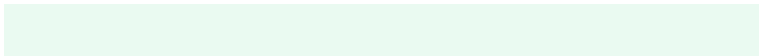
78.5722, 85.6407, 100.5172

Complementary

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



85.0248, 85.6407, 96.8430



83.9977, 92.2167, 96.5961

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.



77.7408, 85.6407, 95.3060



85.0248, 85.6407, 96.8430



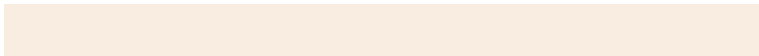
78.9490, 85.6407, 85.2947

Square

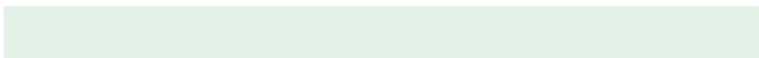
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



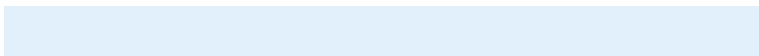
85.0248, 85.6407, 96.8430



82.6446, 85.6407, 83.3842



77.8776, 85.6407, 89.7434



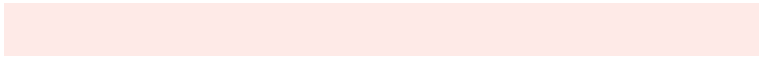
80.1658, 85.6407, 103.8609

Rectangle

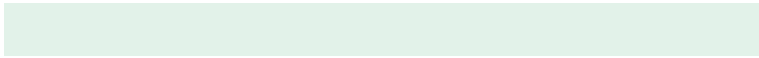
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.0248, 85.6407, 96.8430



84.6886, 85.6407, 87.8000



77.8776, 85.6407, 89.7434



78.1955, 85.6407, 98.9172

Sweetspot

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



85.0272, 85.6444, 96.8449



93.0872, 96.6462, 106.4833



82.9343, 84.4410, 102.3713



19.9451, 20.7214, 22.8173



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

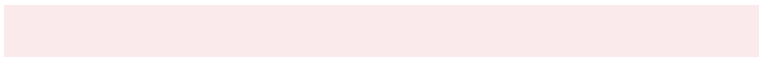
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0272, 85.6444, 96.8449



87.4796, 87.1062, 99.4498



83.8552, 85.1756, 90.6729



17.6535, 17.3887, 20.0308



23.5198, 11.8236, 14.7115



2.2316, 1.1164, 1.6430

Inverse Universe

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



85.0272, 85.6444, 96.8449



87.4796, 87.1062, 99.4498



85.2084, 92.7010, 102.9715



17.6535, 17.3887, 20.0308



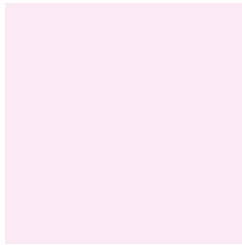
23.5198, 11.8236, 14.7115



2.2316, 1.1164, 1.6430

Previews

White Background



This preview shows how the XYZ color 85.0248, 85.6407, 96.8430 looks on a white background.

Color Contrast Check

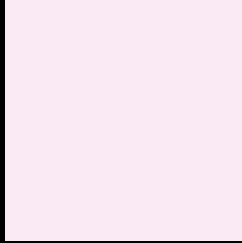
Large Text (above 18pt) WCAG AA × Fail

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 85.0248, 85.6407, 96.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

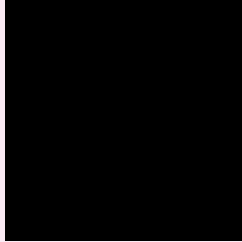
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0248, 85.6407, 96.8430

Background



This preview shows how black text looks on a background with the XYZ color 85.0248, 85.6407, 96.8430.



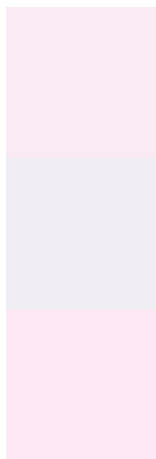
This preview shows how white text looks on a background with the XYZ color 85.0248, 85.6407,

96.8430.

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

85.0248, 85.6407, 96.8430

Protanopia

83.0412, 85.8617, 98.5824

Deuteranopia

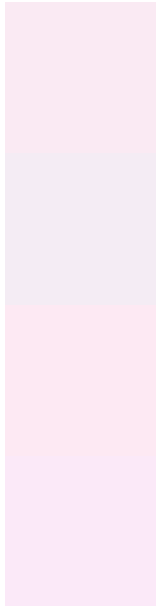
86.2743, 85.4443, 96.7393



Tritanopia

86.3352, 85.7521, 103.2682

Trichromacy



Original Color

85.0248, 85.6407, 96.8430

Protanomaly

83.6328, 85.7557, 97.7325

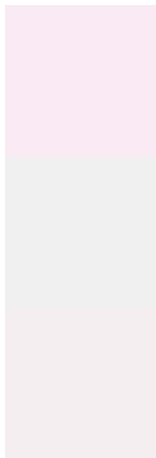
Deuteranomaly

85.8246, 85.6315, 96.7991

Tritanomaly

85.8659, 85.5644, 100.7969

Monochromacy



Original Color

85.0248, 85.6407, 96.8430

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.7599, 86.7330, 95.5456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0248, 85.6407, 96.8430 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(250, 234, 243) looks like.

```
.text, #text, p{  
    color:rgb(250, 234, 243)  
}
```

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(250, 234, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 234, 243) }
```

Border

The CSS property to change the border of an element to XYZ 85.0248, 85.6407, 96.8430 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(250, 234, 243) }
```


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

```
.border{ border-color:rgb(250, 234, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 234, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 234, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 234, 243);  
box-shadow:4px 4px 4px 4px rgb(250, 234,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0248, 85.6407, 96.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 234, 243) }
```

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

```
.background{ background-color: rgb(250,  
234, 243) }
```

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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