

Converting Colors

XYZ(34.5449, 45.8621, 41.7186)

Have a look what the booklet for
XYZ(34.5449, 45.8621, 41.7186)
contains.

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Color

**XYZ(34.5834, 46.0345,
41.7131)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC3A3
RGB	125, 195, 163
RGB Percent	49%, 76%, 64%
CMY	0.5098, 0.2353, 0.3608
CMYK	0.36, 0.00, 0.16, 0.24
HSL	153°, 37%, 63%
HSV	153°, 36%, 76%
XYZ	34.5834, 46.0345, 41.7131
YIQ	170.4220, -31.4480, -24.7920

Conversions

Conversions Part 2

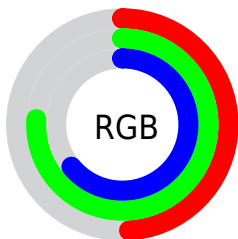
Format	Color
RYB	125, 170, 195
Decimal	8242083
CIELab	73.57, -29.11, 9.17
CIELCh	74, 30.524, 162.515
Yxy	46.0345, 0.2827, 0.3763
Android (android.graphics.Color)	4286432163 (0xFF7DC3A3)
YUV	170.4220, -3.6590, -39.8351
Hunter-Lab	67.8487, -27.7514, 11.0429

Details

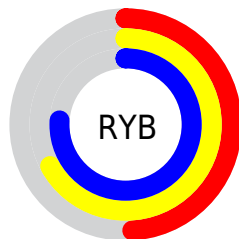
The XYZ color **34.5834, 46.0345, 41.7131** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.9267, 28.7048, 35.5472**, and the grayscale version is **38.4491, 40.4514, 44.0516**.

A 20% lighter version of the original color is **66.2877, 84.3861, 79.1241**, and **15.0666, 21.5752, 18.4093** is the 20% darker color. If you saturate the color by 10%, you get **31.2407, 44.4016, 37.5335**, and if you desaturate by 10%, it is **38.5438, 47.9818, 46.2176**.

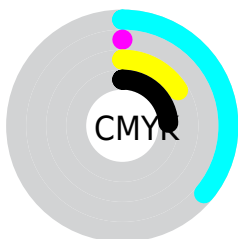
Distribution



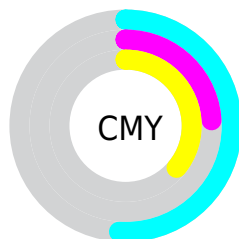
- Red (49%)
- Green (76%)
- Blue (64%)



- Red (49%)
- Yellow (67%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)





- Cyan (51%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5834, 46.0345, 41.7131 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 34.5834, 46.0345, 41.7131 by changing the saturation by 10% instead.


 34.5834, 46.0345,
41.7131


 34.5834, 46.0345,
41.7131


314.2660,
370.9473, 369.0568


 23.5071, 32.2730,
28.5528


 66.1782, 84.2706,
79.0306

 15.0912, 21.5701,
18.5001


 87.4274, 109.5141,
104.0249

 8.9701, 13.5414,
11.1365

 112.7983,
139.3537, 133.8010

 4.7787, 7.8024,
6.0434

142.6563,
174.1738, 168.7774

 2.1514, 3.9688,
2.8023

177.3667,
214.3588, 209.3726

 0.7169, 1.6561,
0.9946

217.2949,

 0.0000, 0.3950,

260.2932, 256.0052

0.0000

262.8062,
312.3612, 309.0938

■ 0.0000, 0.0000,
0.0000

■ 34.5834, 46.0345,
41.7131

■ 34.5834, 46.0345,
41.7131

■ 31.2407, 44.4016,
37.5335

■ 38.5438, 47.9818,
46.2176

■ 28.4779, 43.0600,
33.6680

■ 43.1495, 50.2539,
51.0511

■ 26.2588, 41.9925,
30.1098

■ 48.4308, 52.8676,
56.2217

■ 24.5414, 41.1775,
26.8504

■ 54.4149, 55.8366,
61.7362

■ 23.2767, 40.5899,
23.8808

■ 61.1277, 59.1743,
67.6012

■ 22.4041, 40.1987,
21.1914

■ 68.5935, 62.8931,
73.8231

■ 22.1099, 40.0695,
20.1651

■ 74.4019, 65.7503,
80.2942

■ 75.6533, 66.2508,
86.8837

■ 76.9691, 66.7771,
93.8129

Harmonies

Analogous

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



37.1091, 46.0345, 31.2521



34.5834, 46.0345, 41.7131



34.3846, 46.0345, 56.8441

Triad

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



34.5834, 46.0345, 41.7131



46.0420, 46.0345, 85.0994



51.8588, 46.0345, 32.6014

Complementary

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



34.5834, 46.0345, 41.7131



35.9267, 28.7048, 35.5472

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.



54.6882, 46.0345, 43.9551



34.5834, 46.0345, 41.7131



51.1492, 46.0345, 75.3795

Square

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



34.5834, 46.0345, 41.7131



40.7096, 46.0345, 84.1534



54.4184, 46.0345, 59.5952



46.9474, 46.0345, 26.7833

Rectangle

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



34.5834, 46.0345, 41.7131



35.5734, 46.0345, 67.8576



54.4184, 46.0345, 59.5952



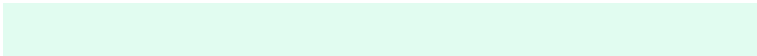
53.1024, 46.0345, 35.7847

Sweetspot

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



34.5847, 46.0364, 41.7141



81.5955, 92.1367, 95.7309



37.2533, 47.7482, 26.6556



17.5857, 20.0371, 20.6853



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.



34.5847, 46.0364, 41.7141



57.1939, 80.1271, 68.8413



37.3056, 46.2947, 58.6015



10.1680, 11.3482, 11.8878



14.4125, 26.0591, 13.3315



0.6572, 1.1397, 0.7574

Inverse Universe

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



35.9267, 28.7048, 35.5472



59.9498, 44.5684, 56.2015



33.8412, 28.3488, 23.0910



10.2604, 10.1528, 11.4618



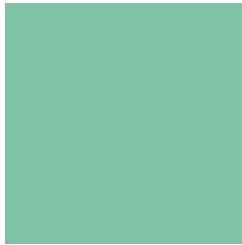
15.8449, 8.0277, 7.0950



0.7193, 0.3607, 0.4895

Previews

White Background



This preview shows how the XYZ color 34.5834, 46.0345, 41.7131 looks on a white background.

Color Contrast Check

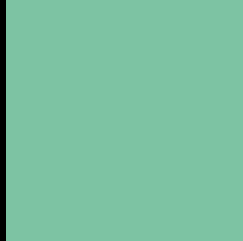
Large Text (above 18pt) WCAG AA × Fail

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 34.5834, 46.0345, 41.7131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

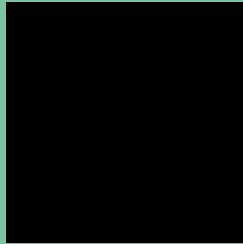
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5834, 46.0345, 41.7131

Background



This preview shows how black text looks on a background with the XYZ color 34.5834, 46.0345, 41.7131.



This preview shows how white text looks on a background with the XYZ color 34.5834, 46.0345,

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

34.5834, 46.0345, 41.7131

Protanopia

43.0228, 45.4256, 37.5108

Deuteranopia

46.5611, 45.6558, 43.4042



Tritanopia

38.9282, 45.8232, 63.9198

Trichromacy



Original Color

34.5834, 46.0345, 41.7131

Protanomaly

39.2464, 45.2735, 39.0179

Deuteranomaly

41.0664, 45.2077, 42.6379

Tritanomaly

37.1762, 45.7610, 55.0175

Monochromacy



Original Color

34.5834, 46.0345, 41.7131

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.4216, 41.9002, 42.7272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5834, 46.0345, 41.7131 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(125, 195, 163)` looks like.

```
.text, #text, p{  
    color:rgb(125, 195, 163)  
}
```

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(125, 195, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 195, 163) }
```

Border

The CSS property to change the border of an element to XYZ 34.5834, 46.0345, 41.7131 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(125, 195, 163) }
```


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

```
.border{ border-color:rgb(125, 195, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 195, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 195, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 195, 163);  
box-shadow:4px 4px 4px 4px rgb(125, 195,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5834, 46.0345, 41.7131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 195, 163) }
```

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

```
.background{ background-color: rgb(125,  
195, 163) }
```

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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