

Converting Colors

XYZ(34.4802, 50.0664, 29.3192)

Have a look what the booklet for
XYZ(34.4802, 50.0664, 29.3192)
contains.

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Color

**XYZ(34.4802, 50.0664,
29.3192)**

Conversions

Conversions Part 1

Format	Color
Hex	7CCE83
RGB	124, 206, 131
RGB Percent	49%, 81%, 51%
CMY	0.5137, 0.1921, 0.4863
CMYK	0.40, 0.00, 0.36, 0.19
HSL	125°, 46%, 65%
HSV	125°, 40%, 81%
XYZ	34.4802, 50.0664, 29.3192
YIQ	172.9320, -24.7970, -40.7090

Conversions

Conversions Part 2

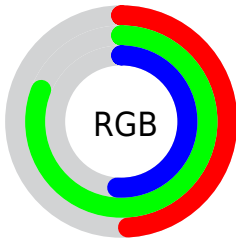
Format	Color
RYB	124, 200, 206
Decimal	8179331
CIELab	76.11, -40.43, 29.66
CIElCh	76, 50.140, 143.733
Yxy	50.0664, 0.3028, 0.4397
Android (android.graphics.Color)	4286369411 (0xFF7CCE83)
YUV	172.9320, -20.6725, -42.9134
Hunter-Lab	70.7576, -36.8427, 24.9629

Details

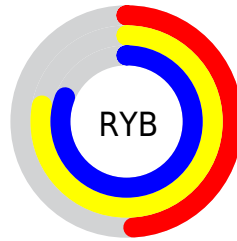
The XYZ color **34.4802, 50.0664, 29.3192** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **42.9716, 31.6616, 57.8810**, and the grayscale version is **39.7980, 41.8706, 45.5970**.

A 20% lighter version of the original color is **63.3393, 84.7261, 58.9144**, and **15.0061, 23.9925, 11.6247** is the 20% darker color. If you saturate the color by 10%, you get **30.6454, 48.2253, 23.0694**, and if you desaturate by 10%, it is **39.1716, 52.3252, 36.8234**.

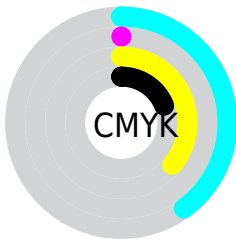
Distribution



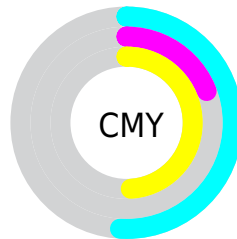
- Red (49%)
- Green (81%)
- Blue (51%)



- Red (49%)
- Yellow (78%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (36%)
- Black (19%)





- Cyan (51%)
- Magenta (19%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4802, 50.0664, 29.3192 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 34.4802, 50.0664, 29.3192 by changing the saturation by 10% instead.


 34.4802, 50.0664,
29.3192


 34.4802, 50.0664,
29.3192


313.8163,
386.9255, 312.8260


 23.4274, 35.4662,
19.0748


 66.0191, 90.2733,
59.6321

 15.0318, 24.0222,
11.5470


 87.2358, 116.6486,
80.5376

 8.9282, 15.3501,
6.3172


 112.5713,
147.7179, 105.8339

 4.7511, 9.0654,
2.9670

142.3908,
183.8654, 135.9395

 2.1352, 4.7839,
1.0778

177.0597,
225.4755, 171.2730

 0.7083, 2.1210,
0.0000

216.9433,

 0.0000, 0.6764,

272.9326, 212.2529

0.0000

262.4071,
326.6212, 259.2977

■ 0.0000, 0.0000,
0.0000

■ 34.4802, 50.0664,
29.3192

■ 34.4802, 50.0664,
29.3192

■ 30.6454, 48.2253,
23.0694

■ 39.1716, 52.3252,
36.8234

■ 27.6119, 46.7705,
18.0025

■ 44.7632, 55.0183,
45.6417

■ 25.3236, 45.6761,
14.0449


■ 51.3001, 58.1694,
55.8340


■ 23.7158, 44.9104,
11.1135


■ 58.8232, 61.7983,
67.4554


■ 22.7122, 44.4363,
9.1134

■ 67.3710, 65.9237,
80.5582

 22.1861, 44.1907,
7.9306

 76.9802, 70.5634,
95.1919

 22.1781, 44.1869,
7.9148

 81.3623, 72.6246,
104.3374

Harmonies

Analogous

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



40.6929, 50.0664, 19.5917



34.4802, 50.0664, 29.3192



31.8209, 50.0664, 49.0693

Triad

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



34.4802, 50.0664, 29.3192



45.6455, 50.0664, 123.6322



66.0726, 50.0664, 36.2613

Complementary

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



34.4802, 50.0664, 29.3192



42.9716, 31.6616, 57.8810

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.



67.8519, 50.0664, 60.3468



34.4802, 50.0664, 29.3192



55.2179, 50.0664, 116.7588

Square

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



34.4802, 50.0664, 29.3192



37.6984, 50.0664, 107.6415



63.6533, 50.0664, 91.1176



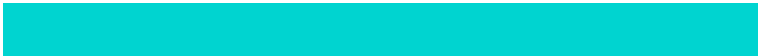
59.0683, 50.0664, 22.5812

Rectangle

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



34.4802, 50.0664, 29.3192



32.1336, 50.0664, 67.7133



63.6533, 50.0664, 91.1176



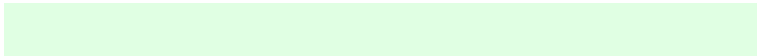
67.3368, 50.0664, 43.1518

Sweetspot

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



34.4815, 50.0685, 29.3203



80.4915, 92.9780, 86.3864



49.3089, 57.7653, 27.6200



16.9199, 19.7523, 18.0100



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.



34.4815, 50.0685, 29.3203



50.3316, 78.4587, 38.4979



37.8153, 51.4020, 46.8757



11.1063, 12.5523, 12.1171



13.6711, 27.2137, 4.9531



0.7190, 1.4094, 0.3279

Inverse Universe

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



42.9716, 31.6616, 57.8810



65.9856, 44.4908, 91.1359



38.8486, 30.0124, 36.1694



11.6446, 11.3866, 13.9292



21.3082, 10.3339, 30.4052



1.1117, 0.5381, 1.6342

Previews

White Background



This preview shows how the XYZ color 34.4802, 50.0664, 29.3192 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 34.4802, 50.0664, 29.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

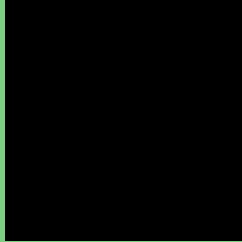
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4802, 50.0664, 29.3192

Background



This preview shows how black text looks on a background with the XYZ color 34.4802, 50.0664, 29.3192.



This preview shows how white text looks on a background with the XYZ color 34.4802, 50.0664,

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

34.4802, 50.0664, 29.3192

Protanopia

45.9741, 49.6672, 25.9025

Deuteranopia

50.4543, 49.4185, 30.5464



Tritanopia

42.4388, 49.8088, 69.6646

Trichromacy



Original Color

34.4802, 50.0664, 29.3192



Protanomaly

40.5132, 49.0886, 27.0784



Deuteranomaly

42.8205, 48.5836, 30.0424



Tritanomaly

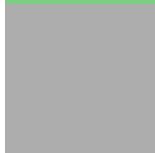
39.0330, 49.7958, 52.3540

Monochromacy



Original Color

34.4802, 50.0664, 29.3192



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

37.0381, 44.1351, 38.9146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4802, 50.0664, 29.3192 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(124, 206, 131)` looks like.

```
.text, #text, p{  
    color:rgb(124, 206, 131)  
}
```

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(124, 206, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 206, 131) }
```

Border

The CSS property to change the border of an element to XYZ 34.4802, 50.0664, 29.3192 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(124, 206, 131) }
```


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

```
.border{ border-color:rgb(124, 206, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 206, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 206, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 206, 131);  
box-shadow:4px 4px 4px 4px rgb(124, 206,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4802, 50.0664, 29.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 206, 131) }
```

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

```
.background{ background-color: rgb(124,  
206, 131) }
```

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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