

Converting Colors

XYZ(34.6111, 50.5104, 28.6606)

Have a look what the booklet for
XYZ(34.6111, 50.5104, 28.6606)
contains.

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Color

**XYZ(34.5875, 50.4957,
28.6926)**

Conversions

Conversions Part 1

Format	Color
Hex	7CCF81
RGB	124, 207, 129
RGB Percent	49%, 81%, 51%
CMY	0.5137, 0.1882, 0.4941
CMYK	0.40, 0.00, 0.38, 0.19
HSL	124°, 46%, 65%
HSV	124°, 40%, 81%
XYZ	34.5875, 50.4957, 28.6926
YIQ	173.2910, -24.4300, -41.8540

Conversions

Conversions Part 2

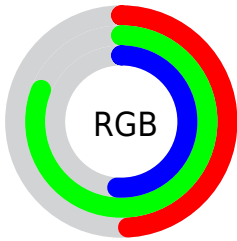
Format	Color
RYB	124, 202, 207
Decimal	8179585
CIELab	76.37, -41.19, 31.04
CIElCh	76, 51.575, 142.998
Yxy	50.4957, 0.3040, 0.4438
Android (android.graphics.Color)	4286369665 (0xFF7CCF81)
YUV	173.2910, -21.8355, -43.2282
Hunter-Lab	71.0603, -37.4735, 25.8022

Details

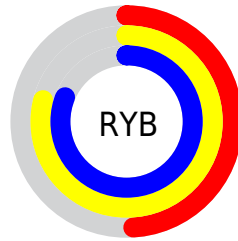
The XYZ color **34.5875, 50.4957, 28.6926** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **43.6021, 31.9461, 59.7472**, and the grayscale version is **39.9871, 42.0695, 45.8137**.

A 20% lighter version of the original color is **63.1296, 84.6422, 57.8100**, and **15.0938, 24.2862, 11.2893** is the 20% darker color. If you saturate the color by 10%, you get **30.7319, 48.6450, 22.3932**, and if you desaturate by 10%, it is **39.3198, 52.7728, 36.3202**.

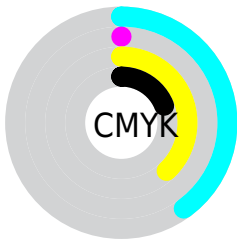
Distribution



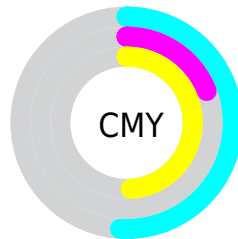
- Red (49%)
- Green (81%)
- Blue (51%)



- Red (49%)
- Yellow (79%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5875, 50.4957, 28.6926 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 34.5875, 50.4957, 28.6926 by changing the saturation by 10% instead.

■ 34.5875, 50.4957,
28.6926

■ 34.5875, 50.4957,
28.6926

314.2838,
388.6013, 309.7772

■ 23.5103, 35.8074,
18.6048

■ 66.1845, 90.9089,
58.6247

■ 15.0935, 24.2855,
11.2112

■ 87.4350, 117.4026,
79.3061

■ 8.9718, 15.5455,
6.0931

■ 112.8073,
148.6002, 104.3557

■ 4.7798, 9.2031,
2.8321

142.6669,
184.8862, 134.1922

■ 2.1520, 4.8739,
1.0095

177.3789,
226.6449, 169.2341

■ 0.7173, 2.1735,
0.0000

217.3089,

■ 0.0000, 0.7055,

274.2607, 209.8998

0.0000

262.8220,
328.1180, 256.6080

■ 0.0000, 0.0000,
0.0000

■ 34.5875, 50.4957,
28.6926

■ 34.5875, 50.4957,
28.6926

■ 30.7319, 48.6450,
22.3932

■ 39.3198, 52.7728,
36.3202

■ 27.6955, 47.1883,
17.3428

■ 44.9740, 55.4939,
45.3422

■ 25.4200, 46.0989,
13.4595


■ 51.5969, 58.6829,
55.8246


■ 23.8380, 45.3438,
10.6498


■ 59.2308, 62.3606,
67.8281

■ 22.8697, 44.8845,
8.8060

■ 67.9157, 66.5462,
81.4099

 22.3831, 44.6553,
7.8028

 77.6893, 71.2581,
96.6244

 81.6038, 73.1076,
104.4179

Harmonies

Analogous

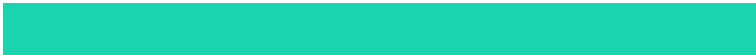
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.0703, 50.4957, 19.0129



34.5875, 50.4957, 28.6926



31.7609, 50.4957, 48.7237

Triad

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



34.5875, 50.4957, 28.6926



45.7568, 50.4957, 126.8636



67.2915, 50.4957, 36.6411

Complementary

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



34.5875, 50.4957, 28.6926



43.6021, 31.9461, 59.7472

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.



68.9884, 50.4957, 61.7528



34.5875, 50.4957, 28.6926



55.6566, 50.4957, 120.2636

Square

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



34.5875, 50.4957, 28.6926



37.6222, 50.4957, 109.6222



64.4835, 50.4957, 93.8005



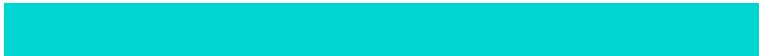
60.1172, 50.4957, 22.4046

Rectangle

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



34.5875, 50.4957, 28.6926



32.0189, 50.4957, 67.8917



64.4835, 50.4957, 93.8005



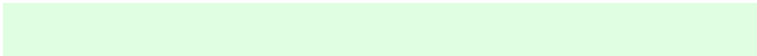
68.5577, 50.4957, 43.8210

Sweetspot

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



34.5888, 50.4978, 28.6937



80.3855, 92.9357, 85.8285



50.5408, 58.7589, 27.7471



16.8952, 19.7425, 17.8800



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.



34.5888, 50.4978, 28.6937



50.1016, 78.3667, 37.2868



37.8491, 51.8019, 45.8622



11.6848, 13.2177, 12.6964



14.1136, 28.1384, 4.9786



0.7995, 1.5775, 0.3329

Inverse Universe

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



43.6021, 31.9461, 59.7472



66.4581, 44.6798, 93.6239



39.4052, 30.2673, 37.6468



12.2788, 11.9962, 14.7438



22.3977, 10.8319, 33.3303



1.2619, 0.6095, 1.9139

Previews

White Background



This preview shows how the XYZ color 34.5875, 50.4957, 28.6926 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 34.5875, 50.4957, 28.6926 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 34.5875, 50.4957, 28.6926

Background



This preview shows how black text looks on a background with the XYZ color 34.5875, 50.4957, 28.6926.



This preview shows how white text looks on a background with the XYZ color 34.5875, 50.4957,

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

34.5875, 50.4957, 28.6926

Protanopia

46.1234, 49.7585, 25.2625

Deuteranopia

50.6175, 49.5191, 29.8120



Tritanopia

42.9610, 50.3993, 70.4145

Trichromacy



Original Color

34.5875, 50.4957, 28.6926

Protanomaly

40.6091, 49.1528, 26.4159

Deuteranomaly

42.6809, 48.5278, 29.3076

Tritanomaly

39.3218, 50.3016, 51.8927

Monochromacy



Original Color

34.5875, 50.4957, 28.6926

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

36.9523, 44.1008, 38.4630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5875, 50.4957, 28.6926 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, 207, 129)` looks like.

```
.text, #text, p{  
    color:rgb(124, 207, 129)  
}
```

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, 207, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 207, 129) }
```

Border

The CSS property to change the border of an element to XYZ 34.5875, 50.4957, 28.6926 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, 207, 129) }
```


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

```
.border{ border-color:rgb(124, 207, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 207, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 207, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 207, 129);  
box-shadow:4px 4px 4px 4px rgb(124, 207,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5875, 50.4957, 28.6926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 207, 129) }
```

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

```
.background{ background-color: rgb(124,  
207, 129) }
```

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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