

Converting Colors

XYZ(50.9803, 57.0616, 34.3136)

Have a look what the booklet for
XYZ(50.9803, 57.0616, 34.3136)
contains.

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Color

**XYZ(50.9803, 57.0616,
34.3136)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCA8F
RGB	204, 202, 143
RGB Percent	80%, 79%, 56%
CMY	0.2000, 0.2078, 0.4392
CMYK	0.00, 0.01, 0.30, 0.20
HSL	58°, 37%, 68%
HSV	58°, 30%, 80%
XYZ	50.9803, 57.0616, 34.3136
YIQ	195.8720, 20.1310, -17.9250

Conversions

Conversions Part 2

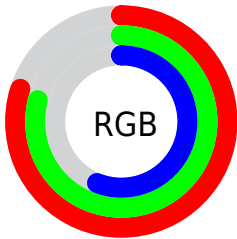
Format	Color
RYB	145, 204, 143
Decimal	13421199
CIELab	80.21, -8.47, 29.78
CIELCh	80, 30.965, 105.872
Yxy	57.0616, 0.3581, 0.4008
Android (android.graphics.Color)	4291611279 (0xFFCCCA8F)
YUV	195.8720, -26.0659, 7.1283
Hunter-Lab	75.5391, -11.7263, 25.9449

Details

The XYZ color **50.9803, 57.0616, 34.3136** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.3520, 30.4493, 61.2991**, and the grayscale version is **52.5367, 55.2727, 60.1920**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **24.9161, 28.3421, 14.2826** is the 20% darker color. If you saturate the color by 10%, you get **49.4177, 56.1886, 26.8494**, and if you desaturate by 10%, it is **52.8275, 58.0535, 43.2606**.

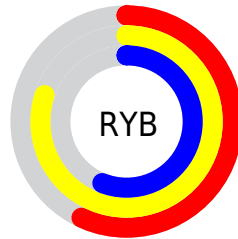
Distribution



Red (80%)

Green (79%)

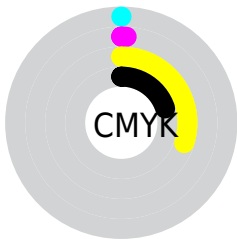
Blue (56%)



Red (57%)

Yellow (80%)

Blue (56%)

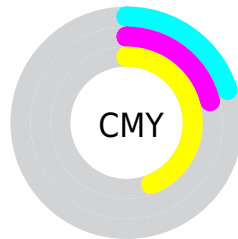


Cyan (0%)

Magenta (1%)

Yellow (30%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9803, 57.0616, 34.3136 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 50.9803, 57.0616, 34.3136 by changing the saturation by 10% instead.

■ 50.9803, 57.0616,
34.3136

■ 50.9803, 57.0616,
34.3136

380.8762,
413.6801, 336.3399

■ 36.4139, 41.0547,
22.8553

■ 90.8088, 100.5551,
67.5605

■ 24.9256, 28.3618,
14.2824

■ 116.8017,
128.8104, 90.1862

■ 16.1501, 18.5986,
8.1764

147.3340,
161.9174, 117.3715

■ 9.7219, 11.3806,
4.1186

182.7713,
200.2603, 149.5348

■ 5.2758, 6.3234,
1.6906

223.4787,
244.2237, 187.0948

■ 2.4464, 3.0427,
0.3543

269.8218,

■ 0.8683, 1.1541,

294.1918, 230.4699

0.0000

322.1658,
350.5492, 280.0788

■ 0.0000, 0.0237,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.9803, 57.0616,
34.3136

■ 50.9803, 57.0616,
34.3136

■ 49.4177, 56.1886,
26.8494

■ 52.8275, 58.0535,
43.2606

■ 48.1202, 55.4207,
20.7840

■ 54.9691, 59.1623,
53.7609

■ 47.0725, 54.7539,
16.0307

■ 57.4197, 60.3957,
65.8850

■ 46.2560, 54.1806,
12.4918

■ 60.1917, 61.7588,
79.6980

■ 45.6496, 53.6924,
10.0557

■ 63.2967, 63.2562,
95.2614

■ 45.2282, 53.2792,
8.5904

■ 65.0252, 64.2041,
103.5732

■ 44.9454, 52.9226,
7.8520

■ 65.1862, 64.5260,
103.6268

■ 44.9428, 52.9192,
7.8457

■ 65.3479, 64.8494,
103.6807

■ 65.5102, 65.1740,
103.7348

Harmonies

Analogous

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



57.2551, 57.0616, 34.1295



50.9803, 57.0616, 34.3136



45.9744, 57.0616, 40.9177

Triad

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



50.9803, 57.0616, 34.3136



46.2089, 57.0616, 90.5991



66.8899, 57.0616, 71.0158

Complementary

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



50.9803, 57.0616, 34.3136



32.3520, 30.4493, 61.2991

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.



63.4310, 57.0616, 89.6399



50.9803, 57.0616, 34.3136



51.3237, 57.0616, 102.3462

Square

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



50.9803, 57.0616, 34.3136



43.3692, 57.0616, 72.1396



57.6261, 57.0616, 101.9645



66.7800, 57.0616, 53.0927

Rectangle

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



50.9803, 57.0616, 34.3136



43.8866, 57.0616, 48.9656



57.6261, 57.0616, 101.9645



66.0951, 57.0616, 77.4656

Sweetspot

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



50.9817, 57.0642, 34.3148



91.3336, 98.1311, 90.5086



39.8382, 34.5283, 31.3672



19.4292, 20.9429, 18.7817



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.



50.9817, 57.0642, 34.3148



82.6785, 93.5308, 48.4400



44.3504, 54.3450, 34.1395



12.1212, 13.0313, 11.9559



28.3015, 33.3359, 4.9428



1.4701, 1.7399, 0.2584

Inverse Universe

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



32.3520, 30.4493, 61.2991



46.8683, 42.3737, 100.3165



37.6185, 32.7157, 61.4590



10.6307, 10.9018, 14.1143



6.9189, 2.8617, 36.1440



0.3675, 0.1687, 1.8681

Previews

White Background



This preview shows how the XYZ color 50.9803, 57.0616, 34.3136 looks on a white background.

Color Contrast Check

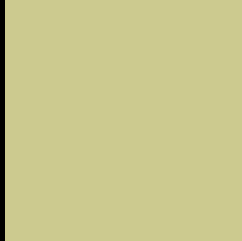
Large Text (above 18pt) WCAG AA × Fail

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 50.9803, 57.0616, 34.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

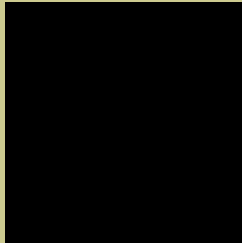
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9803, 57.0616, 34.3136

Background



This preview shows how black text looks on a background with the XYZ color 50.9803, 57.0616, 34.3136.



This preview shows how white text looks on a background with the XYZ color 50.9803, 57.0616,

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

50.9803, 57.0616, 34.3136

Protanopia

53.0375, 57.0960, 33.8164

Deuteranopia

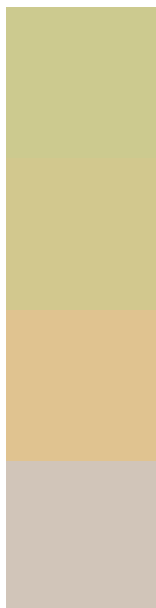
58.0026, 56.9681, 34.7269



Tritanopia

57.9518, 57.1841, 68.3048

Trichromacy



Original Color

50.9803, 57.0616, 34.3136

Protanomaly

52.1151, 56.9632, 33.8394

Deuteranomaly

55.2896, 56.8911, 34.4526

Tritanomaly

55.0177, 56.9906, 53.9995

Monochromacy



Original Color

50.9803, 57.0616, 34.3136

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.6831, 55.7046, 49.6230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9803, 57.0616, 34.3136 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(204, 202, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 143)  
}
```

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(204, 202, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 143) }
```

Border

The CSS property to change the border of an element to XYZ 50.9803, 57.0616, 34.3136 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(204, 202, 143) }
```


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

```
.border{ border-color:rgb(204, 202, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 202, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9803, 57.0616, 34.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 143) }
```

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

```
.background{ background-color: rgb(204,  
202, 143) }
```

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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