

Converting Colors

XYZ(50.2098, 54.4114, 27.9348)

Have a look what the booklet for
XYZ(50.2098, 54.4114, 27.9348)
contains.

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Color

**XYZ(50.2098, 54.4114,
27.9348)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C37F
RGB	211, 195, 127
RGB Percent	83%, 76%, 50%
CMY	0.1726, 0.2353, 0.5020
CMYK	0.00, 0.08, 0.40, 0.17
HSL	49°, 49%, 66%
HSV	49°, 40%, 83%
XYZ	50.2098, 54.4114, 27.9348
YIQ	192.0320, 31.3640, -17.7560

Conversions

Conversions Part 2

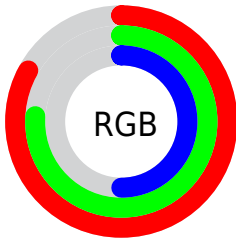
Format	Color
R_{YB}	147, 211, 127
Decimal	13878143
CIE _{Lab}	78.70, -4.00, 36.19
CIE _{LCh}	79, 36.414, 96.311
Yxy	54.4114, 0.3788, 0.4105
Android (android.graphics.Color)	4292068223 (0xFFD3C37F)
YUV	192.0320, -32.0608, 16.6349
Hunter-Lab	73.7641, -7.5856, 29.1815

Details

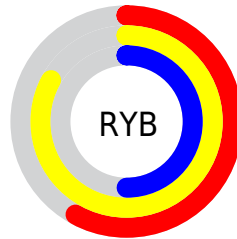
The XYZ color **50.2098, 54.4114, 27.9348** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.3325, 28.8591, 65.5995**, and the grayscale version is **50.2913, 52.9103, 57.6193**.

A 20% lighter version of the original color is **84.0777, 93.5906, 57.3495**, and **24.5301, 26.8504, 10.9109** is the 20% darker color. If you saturate the color by 10%, you get **48.0885, 52.1437, 21.1392**, and if you desaturate by 10%, it is **52.6461, 56.8477, 36.2573**.

Distribution



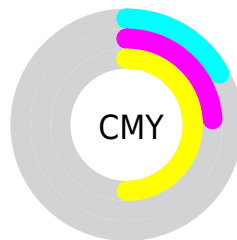
- Red (83%)
- Green (76%)
- Blue (50%)



- Red (58%)
- Yellow (83%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2098, 54.4114, 27.9348 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 50.2098, 54.4114, 27.9348 by changing the saturation by 10% instead.

■ 50.2098, 54.4114,
27.9348

■ 50.2098, 54.4114,
27.9348

377.9243,
403.6769, 306.0574

■ 35.7986, 38.9307,
18.0379

■ 89.6756, 96.6780,
57.4022

■ 24.4481, 26.7058,
10.8075

■ 115.4609,
124.2327, 77.8097

■ 15.7929, 17.3524,
5.8250

■ 145.7684,
156.5808, 102.5579

■ 9.4676, 10.4861,
2.6719

180.9632,
194.1068, 132.0653

■ 5.1070, 5.7224,
0.9292

221.4109,
237.1950, 166.7504

■ 2.3456, 2.6770,
0.0000

267.4767,

■ 0.8178, 0.9655,

286.2298, 207.0317

0.0000

319.5261,
341.5956, 253.3279

■ 0.0000, 0.0000,
0.0000

■ 50.2098, 54.4114,
27.9348

■ 50.2098, 54.4114,
27.9348

■ 48.0885, 52.1437,
21.1392

■ 52.6461, 56.8477,
36.2573

■ 46.2597, 50.0296,
15.7717

■ 55.4099, 59.4522,
46.1907

■ 44.7045, 48.0630,
11.7271

■ 58.5182, 62.2338,
57.8166

■ 43.3997, 46.2344,
8.8841

■ 61.9855, 65.1987,
71.2102

■ 42.3178, 44.5325,
7.0994

■ 65.8252, 68.3524,
86.4423

■ 41.4100, 42.9375,
6.1168

■ 70.0503, 71.7005,
103.5796

■ 41.3933, 42.9078,
6.1004

■ 71.3362, 73.9134,
105.1146

■ 72.4232, 76.0875,
105.4770

■ 73.5360, 78.3130,
105.8479

Harmonies

Analogous

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



57.4788, 54.4114, 29.8549



50.2098, 54.4114, 27.9348



43.9458, 54.4114, 32.7002

Triad

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



50.2098, 54.4114, 27.9348



41.3461, 54.4114, 85.9537



65.4543, 54.4114, 76.6397

Complementary

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



50.2098, 54.4114, 27.9348



30.3325, 28.8591, 65.5995

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.



60.3529, 54.4114, 97.2697



50.2098, 54.4114, 27.9348



46.3527, 54.4114, 103.4608

Square

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



50.2098, 54.4114, 27.9348



39.1435, 54.4114, 63.7099



53.2528, 54.4114, 108.0212



66.7288, 54.4114, 54.9933

Rectangle

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



50.2098, 54.4114, 27.9348



41.0339, 54.4114, 39.8659



53.2528, 54.4114, 108.0212



64.1085, 54.4114, 84.0633

Sweetspot

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



50.2111, 54.4139, 27.9359



88.6782, 94.5221, 84.3765



39.4724, 31.0357, 30.2162



18.8428, 20.1094, 17.5405



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.



50.2111, 54.4139, 27.9359



74.2165, 80.4832, 33.6689



47.3264, 58.5349, 28.8834



12.6041, 13.3990, 12.5340



25.0523, 26.0376, 3.7054



1.4512, 1.5568, 0.2240

Inverse Universe

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



30.3325, 28.8591, 65.5995



39.5326, 35.9196, 99.4573



32.3341, 26.5773, 65.0536



11.3433, 11.7768, 14.9190



7.6136, 3.8739, 37.5389



0.4811, 0.3274, 2.1174

Previews

White Background



This preview shows how the XYZ color 50.2098, 54.4114, 27.9348 looks on a white background.

Color Contrast Check

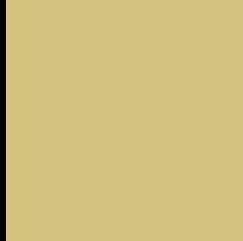
Large Text (above 18pt) WCAG AA × Fail

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 50.2098, 54.4114, 27.9348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

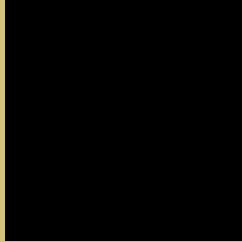
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2098, 54.4114, 27.9348

Background



This preview shows how black text looks on a background with the XYZ color 50.2098, 54.4114, 27.9348.



This preview shows how white text looks on a background with the XYZ color 50.2098, 54.4114,

27.9348.

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

50.2098, 54.4114, 27.9348

Protanopia

50.4972, 54.5596, 27.9482

Deuteranopia

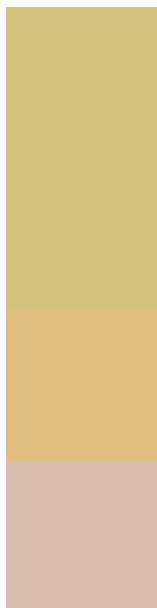
55.4530, 54.1952, 28.3069



Tritanopia

57.1976, 54.3480, 62.1192

Trichromacy



Original Color

50.2098, 54.4114, 27.9348

Protanomaly

50.4972, 54.5596, 27.9482

Deuteranomaly

53.4579, 54.1225, 28.0512

Tritanomaly

54.0593, 54.0113, 47.1111

Monochromacy



Original Color

50.2098, 54.4114, 27.9348

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.6910, 53.1092, 44.6779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2098, 54.4114, 27.9348 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(211, 195, 127)` looks like.

```
.text, #text, p{  
    color:rgb(211, 195, 127)  
}
```

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(211, 195, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 195, 127) }
```

Border

The CSS property to change the border of an element to XYZ 50.2098, 54.4114, 27.9348 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(211, 195, 127) }
```


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

```
.border{ border-color:rgb(211, 195, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 195, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 195, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 195, 127); box-shadow:4px 4px 4px 4px rgb(211, 195, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2098, 54.4114, 27.9348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 195, 127) }
```

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

```
.background{ background-color: rgb(211,  
195, 127) }
```

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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