

Converting Colors

XYZ(50.7592, 54.6340, 30.7940)

Have a look what the booklet for
XYZ(50.7592, 54.6340, 30.7940)
contains.

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Color

**XYZ(50.7522, 54.6284,
30.7911)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C387
RGB	211, 195, 135
RGB Percent	83%, 76%, 53%
CMY	0.1726, 0.2353, 0.4706
CMYK	0.00, 0.08, 0.36, 0.17
HSL	47°, 46%, 68%
HSV	47°, 36%, 83%
XYZ	50.7522, 54.6284, 30.7911
YIQ	192.9440, 28.7960, -15.2680

Conversions

Conversions Part 2

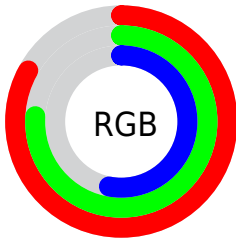
Format	Color
RYB	155, 211, 135
Decimal	13878151
CIELab	78.83, -3.09, 32.22
CIElCh	79, 32.367, 95.487
Yxy	54.6284, 0.3727, 0.4012
Android (android.graphics.Color)	4292068231 (0xFFD3C387)
YUV	192.9440, -28.5664, 15.8351
Hunter-Lab	73.9110, -6.7744, 27.0377

Details

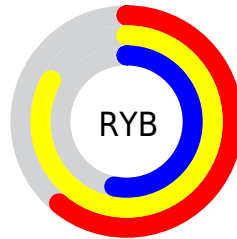
The XYZ color **50.7522, 54.6284, 30.7911** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.8158, 31.9862, 66.0722**, and the grayscale version is **50.8076, 53.4535, 58.2109**.

A 20% lighter version of the original color is **84.9225, 93.9285, 61.7982**, and **24.7908, 26.9547, 12.2837** is the 20% darker color. If you saturate the color by 10%, you get **48.4317, 52.1337, 23.4006**, and if you desaturate by 10%, it is **53.3995, 57.3051, 39.7443**.

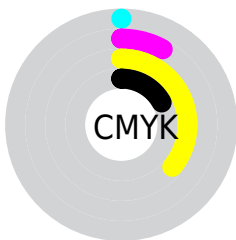
Distribution



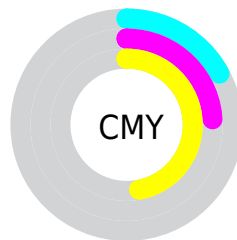
- Red (83%)
- Green (76%)
- Blue (53%)



- Red (61%)
- Yellow (83%)
- Blue (53%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (17%)





- Cyan (17%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7522, 54.6284, 30.7911 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 50.7522, 54.6284, 30.7911 by changing the saturation by 10% instead.


 50.7522, 54.6284,
30.7911


 50.7522, 54.6284,
30.7911


380.0038,
404.5018, 319.8961


 36.2317, 39.1043,
20.1827


 90.4735, 96.9963,
61.9867

 24.7841, 26.8409,
12.3425

 116.4051,
124.6089, 83.4111

 16.0442, 17.4537,
6.8520


 146.8710,
157.0197, 109.2778

 9.6465, 10.5585,
3.2927

182.2367,
194.6132, 140.0054

 5.2256, 5.7708,
1.2460

222.8674,
237.7738, 176.0125

 2.4164, 2.7062,
0.0169

269.1286,

 0.8533, 0.9804,

286.8858, 217.7177

0.0000

321.3856,
342.3337, 265.5393

■ 0.0000, 0.0000,
0.0000

■ 50.7522, 54.6284,
30.7911

■ 50.7522, 54.6284,
30.7911

■ 48.4317, 52.1337,
23.4006

■ 53.3995, 57.3051,
39.7443

■ 46.4160, 49.8059,
17.4771

■ 56.3858, 60.1632,
50.3414

■ 44.6872, 47.6394,
12.9201

■ 59.7276, 63.2116,
62.6619

■ 43.2229, 45.6248,
9.6146

■ 63.4390, 66.4564,
76.7793

■ 41.9977, 43.7516,
7.4266

■ 67.5334, 69.9033,
92.7628

■ 40.9795, 42.0064,
6.1895

■ 70.9421, 73.1252,
104.9833

■ 40.6083, 41.3377,
5.8387

■ 72.1347, 75.5104,
105.3808

■ 73.3585, 77.9581,
105.7888

■ 74.6139, 80.4689,
106.2072

Harmonies

Analogous

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



57.2105, 54.6284, 32.7810



50.7522, 54.6284, 30.7911



45.0862, 54.6284, 35.1042

Triad

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



50.7522, 54.6284, 30.7911



42.5127, 54.6284, 82.4353



63.9737, 54.6284, 75.3750

Complementary

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



50.7522, 54.6284, 30.7911



32.8158, 31.9862, 66.0722

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.



59.4174, 54.6284, 93.1313



50.7522, 54.6284, 30.7911



46.9711, 54.6284, 97.7602

Square

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



50.7522, 54.6284, 30.7911



40.5867, 54.6284, 62.9230



53.1110, 54.6284, 102.0300



65.1943, 54.6284, 56.1670

Rectangle

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



50.7522, 54.6284, 30.7911



42.4076, 54.6284, 41.6265



53.1110, 54.6284, 102.0300



62.7641, 54.6284, 81.8259

Sweetspot

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



50.7536, 54.6309, 30.7922



89.0038, 94.6145, 86.2083



41.1522, 33.4270, 33.7610



18.9013, 20.1148, 17.9036



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.



50.7536, 54.6309, 30.7922



75.2130, 80.9854, 38.5974



48.7698, 59.2164, 31.7819



12.5834, 13.3576, 12.5271



24.5836, 25.1001, 3.5491



1.4288, 1.5119, 0.2165

Inverse Universe

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



32.8158, 31.9862, 66.0722



43.8703, 41.4345, 100.2932



34.2361, 29.1530, 65.4505



11.3624, 11.8151, 14.9253



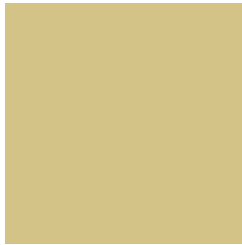
7.7093, 4.0652, 37.5708



0.4900, 0.3451, 2.1204

Previews

White Background



This preview shows how the XYZ color 50.7522, 54.6284, 30.7911 looks on a white background.

Color Contrast Check

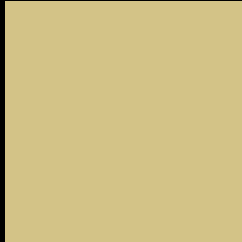
Large Text (above 18pt) WCAG AA × Fail

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 50.7522, 54.6284, 30.7911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

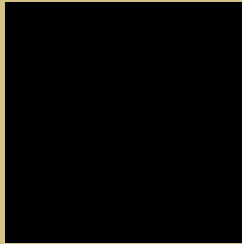
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7522, 54.6284, 30.7911

Background



This preview shows how black text looks on a background with the XYZ color 50.7522, 54.6284, 30.7911.



This preview shows how white text looks on a background with the XYZ color 50.7522, 54.6284,

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

50.7522, 54.6284, 30.7911

Protanopia

50.7522, 54.6284, 30.7911

Deuteranopia

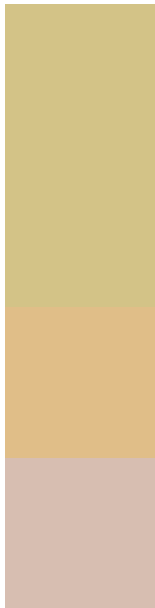
55.5644, 54.5026, 31.2584



Tritanopia

57.2264, 54.6631, 62.7932

Trichromacy



Original Color

50.7522, 54.6284, 30.7911

Protanomaly

50.7522, 54.6284, 30.7911

Deuteranomaly

53.5979, 54.4518, 30.9779

Tritanomaly

54.3736, 54.4483, 49.2387

Monochromacy



Original Color

50.7522, 54.6284, 30.7911

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.5576, 53.8415, 46.7575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7522, 54.6284, 30.7911 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(211, 195, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 195, 135) }
```

Border

The CSS property to change the border of an element to XYZ 50.7522, 54.6284, 30.7911 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, 135) }
```


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

```
.border{ border-color:rgb(211, 195, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 195, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 195, 135);  
box-shadow:4px 4px 4px 4px rgb(211, 195,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7522, 54.6284, 30.7911 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, 135) }
```

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

```
.background{ background-color: rgb(211,  
195, 135) }
```

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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