

Converting Colors

XYZ(50.9351, 54.4469, 35.1706)

Have a look what the booklet for
XYZ(50.9351, 54.4469, 35.1706)
contains.

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Color

**XYZ(50.7746, 54.2142,
34.9824)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C292
RGB	209, 194, 146
RGB Percent	82%, 76%, 57%
CMY	0.1804, 0.2392, 0.4274
CMYK	0.00, 0.07, 0.30, 0.18
HSL	46°, 41%, 70%
HSV	46°, 30%, 82%
XYZ	50.7746, 54.2142, 34.9824
YIQ	193.0130, 24.3480, -11.7480

Conversions

Conversions Part 2

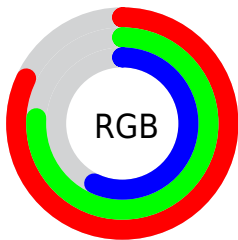
Format	Color
R_{YB}	166, 209, 146
Decimal	13746834
CIE _{Lab}	78.59, -2.00, 26.10
CIE _{LCh}	79, 26.176, 94.381
Yxy	54.2142, 0.3628, 0.3873
Android (android.graphics.Color)	4291936914 (0xFFD1C292)
YUV	193.0130, -23.1774, 14.0206
Hunter-Lab	73.6303, -5.7615, 23.3720

Details

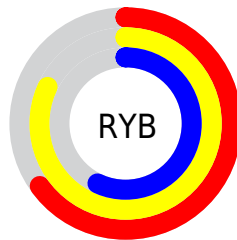
The XYZ color **50.7746, 54.2142, 34.9824** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1073, 36.2032, 65.4066**, and the grayscale version is **50.8193, 53.4659, 58.2243**.

A 20% lighter version of the original color is **85.8509, 93.8013, 68.2242**, and **24.9169, 26.7460, 14.6757** is the 20% darker color. If you saturate the color by 10%, you get **48.2069, 51.4470, 26.8256**, and if you desaturate by 10%, it is **53.6794, 57.1794, 44.7191**.

Distribution



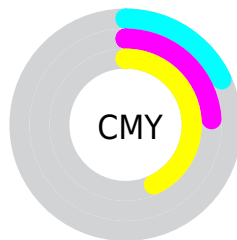
- Red (82%)
- Green (76%)
- Blue (57%)



- Red (65%)
- Yellow (82%)
- Blue (57%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7746, 54.2142, 34.9824 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 50.7746, 54.2142, 34.9824 by changing the saturation by 10% instead.


 50.7746, 54.2142,
34.9824


 50.7746, 54.2142,
34.9824


380.0895,
402.9263, 339.3925

 36.2496, 38.7729,
23.3659


 90.5065, 96.3887,
68.6098

 24.7980, 26.5831,
14.6561


 116.4440,
123.8907, 91.4577

 16.0546, 17.2604,
8.4344


146.9165,
156.1817, 118.8865

 9.6539, 10.4203,
4.2824

182.2892,
193.6462, 151.3147

 5.2306, 5.6785,
1.7815

222.9275,
236.6685, 189.1609

 2.4193, 2.6506,
0.4157

269.1967,

 0.8547, 0.9522,

285.6330, 232.8435

0.0000

321.4623,
340.9242, 282.7812

■ 0.0000, 0.0000,
0.0000

■ 50.7746, 54.2142,
34.9824

■ 50.7746, 54.2142,
34.9824

■ 48.2069, 51.4470,
26.8256

■ 53.6794, 57.1794,
44.7191

■ 45.9557, 48.8632,
20.1599

■ 56.9324, 60.3418,
56.1115

■ 44.0040, 46.4574,
14.8927

■ 60.5494, 63.7103,
69.2343

■ 42.3318, 44.2209,
10.9198

■ 64.5439, 67.2907,
84.1567

■ 40.9162, 42.1441,
8.1221

■ 68.9286, 71.0887,
100.9442

■ 39.7299, 40.2153,
6.3586

■ 70.9608, 74.0078,
105.1526

■ 38.7364, 38.4390,
5.3778

■ 72.3163, 76.7187,
105.6045

■ 73.7112, 79.5086,
106.0694

■ 75.1459, 82.3779,
106.5477

Harmonies

Analogous

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



55.9407, 54.2142, 36.9305



50.7746, 54.2142, 34.9824



46.1252, 54.2142, 38.5415

Triad

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



50.7746, 54.2142, 34.9824



43.7642, 54.2142, 76.5797



61.0063, 54.2142, 72.1933

Complementary

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



50.7746, 54.2142, 34.9824



36.1073, 36.2032, 65.4066

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.



57.3391, 54.2142, 85.7337



50.7746, 54.2142, 34.9824



47.3555, 54.2142, 88.5483

Square

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



50.7746, 54.2142, 34.9824



42.2529, 54.2142, 61.2279



52.2908, 54.2142, 92.1492



62.0720, 54.2142, 56.8855

Rectangle

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



50.7746, 54.2142, 34.9824



43.8747, 54.2142, 43.9750



52.2908, 54.2142, 92.1492



60.0254, 54.2142, 77.1801

Sweetspot

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



50.7760, 54.2167, 34.9835



89.8546, 95.1731, 90.0156



43.0732, 36.7135, 38.8829



19.0625, 20.2094, 18.6595



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.



50.7760, 54.2167, 34.9835



77.0501, 82.2741, 46.5639



50.0453, 59.0469, 35.9544



12.5550, 13.3008, 12.5176



23.9631, 23.8591, 3.3423



1.3988, 1.4519, 0.2065

Inverse Universe

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



36.1073, 36.2032, 65.4066



50.5547, 49.7466, 101.5453



36.6376, 32.8171, 64.7251



11.3889, 11.8680, 14.9342



7.8567, 4.3599, 37.6199



0.5022, 0.3695, 2.1244

Previews

White Background



This preview shows how the XYZ color 50.7746, 54.2142, 34.9824 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 50.7746, 54.2142, 34.9824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

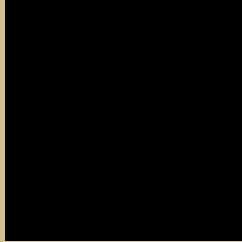
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7746, 54.2142, 34.9824

Background



This preview shows how black text looks on a background with the XYZ color 50.7746, 54.2142, 34.9824.



This preview shows how white text looks on a background with the XYZ color 50.7746, 54.2142,

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

50.7746, 54.2142, 34.9824

Protanopia

50.4925, 54.0688, 34.9692

Deuteranopia

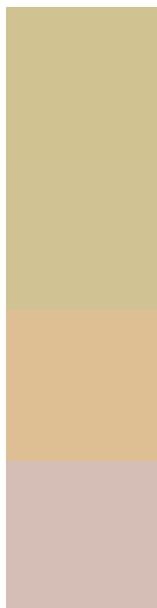
55.4287, 54.3368, 35.5836



Tritanopia

56.6318, 54.3566, 62.7654

Trichromacy



Original Color

50.7746, 54.2142, 34.9824

Protanomaly

50.4925, 54.0688, 34.9692

Deuteranomaly

53.8041, 54.4631, 35.2804

Tritanomaly

54.1945, 54.3092, 51.3424

Monochromacy



Original Color

50.7746, 54.2142, 34.9824

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.4596, 53.4166, 48.7252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7746, 54.2142, 34.9824 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(209, 194, 146)` looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 146)  
}
```

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(209, 194, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 146) }
```

Border

The CSS property to change the border of an element to XYZ 50.7746, 54.2142, 34.9824 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(209, 194, 146) }
```


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

```
.border{ border-color:rgb(209, 194, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 194, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 146);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7746, 54.2142, 34.9824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 146) }
```

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

```
.background{ background-color: rgb(209,  
194, 146) }
```

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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