

Converting Colors

XYZ(50.4960, 52.8522, 34.7891)

Have a look what the booklet for
XYZ(50.4960, 52.8522, 34.7891)
contains.

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Color

**XYZ(50.4657, 52.7511,
34.7163)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BE92
RGB	211, 190, 146
RGB Percent	83%, 75%, 57%
CMY	0.1725, 0.2549, 0.4274
CMYK	0.00, 0.10, 0.31, 0.17
HSL	41°, 42%, 70%
HSV	41°, 31%, 83%
XYZ	50.4657, 52.7511, 34.7163
YIQ	191.2630, 26.6400, -9.2320

Conversions

Conversions Part 2

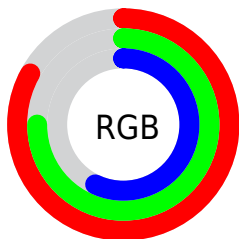
Format	Color
R_{YB}	177, 211, 146
Decimal	13876882
CIE Lab	77.73, 0.88, 24.97
CIE LCh	78, 24.982, 87.987
Yxy	52.7511, 0.3659, 0.3824
Android (android.graphics.Color)	4292066962 (0xFFD3BE92)
YUV	191.2630, -22.3147, 17.3093
Hunter-Lab	72.6300, -3.0747, 22.5010

Details

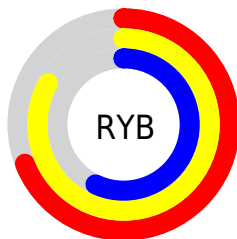
The XYZ color **50.4657, 52.7511, 34.7163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.4303, 38.4504, 67.0769**, and the grayscale version is **49.7897, 52.3826, 57.0447**.

A 20% lighter version of the original color is **84.6211, 91.3417, 67.8143**, and **24.7215, 25.7855, 14.5006** is the 20% darker color. If you saturate the color by 10%, you get **47.5321, 49.2725, 26.3745**, and if you desaturate by 10%, it is **53.7740, 56.4938, 44.6788**.

Distribution



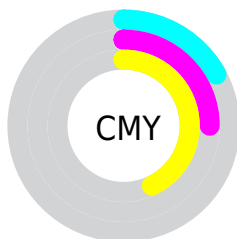
- Red (83%)
- Green (75%)
- Blue (57%)



- Red (69%)
- Yellow (83%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4657, 52.7511, 34.7163 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 50.4657, 52.7511, 34.7163 by changing the saturation by 10% instead.

 50.4657, 52.7511,
34.7163


 50.4657, 52.7511,
34.7163


378.9063,
397.3295, 338.1805

 36.0029, 37.6041,
23.1626


 90.0522, 94.2380,
68.1926

 24.6065, 25.6756,
14.5072


 115.9066,
121.3467, 90.9523

 15.9113, 16.5811,
8.3315


146.2889,
153.2115, 118.2845

 9.5519, 9.9363,
4.2170

181.5644,
190.2166, 150.6076

 5.1628, 5.3567,
1.7451

222.0986,
232.7466, 188.3402

 2.3789, 2.4580,
0.3914

268.2567,

 0.8346, 0.8555,

281.1858, 231.9008

0.0000

320.4042,
335.9186, 281.7081

■ 0.0000, 0.0000,
0.0000

■ 50.4657, 52.7511,
34.7163

■ 50.4657, 52.7511,
34.7163

■ 47.5321, 49.2725,
26.3745

■ 53.7740, 56.4938,
44.6788

■ 44.9515, 46.0421,
19.5618

■ 57.4693, 60.5014,
56.3401

■ 42.7061, 43.0533,
14.1826


■ 61.5683, 64.7838,
69.7772


■ 40.7744, 40.2959,
10.1292


■ 66.0851, 69.3481,
85.0615

■ 39.1321, 37.7585,
7.2781

■ 71.0336, 74.2012,
102.2605


 37.7503, 35.4280,
5.4829

 73.4613, 78.1634,
105.8230

 36.6634, 33.4477,
4.5237

 75.4050, 82.0510,
106.4709

 77.4239, 86.0887,
107.1439

 79.5187, 90.2782,
107.8421

Harmonies

Analogous

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



55.2324, 52.7511, 37.6810



50.4657, 52.7511, 34.7163



45.8989, 52.7511, 36.9791

Triad

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



50.4657, 52.7511, 34.7163



42.3651, 52.7511, 70.8666



58.4460, 52.7511, 72.7470

Complementary

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



50.4657, 52.7511, 34.7163



37.4303, 38.4504, 67.0769

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.



54.6311, 52.7511, 84.3174



50.4657, 52.7511, 34.7163



45.3675, 52.7511, 83.1148

Square

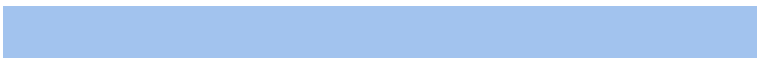
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.4657, 52.7511, 34.7163



41.4054, 52.7511, 56.5065



49.8124, 52.7511, 88.3838



60.0202, 52.7511, 58.3776

Rectangle

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



50.4657, 52.7511, 34.7163



43.5401, 52.7511, 41.3892



49.8124, 52.7511, 88.3838



57.3716, 52.7511, 77.1742

Sweetspot

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



50.4671, 52.7535, 34.7174



89.2532, 93.9702, 89.8151



44.1801, 37.2220, 41.7398



18.9137, 19.9119, 18.6099



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.



50.4671, 52.7535, 34.7174



74.4391, 77.4146, 44.5758



52.3468, 60.9663, 36.2036



12.4681, 13.1269, 12.4886



22.2228, 20.3786, 2.7622



1.3128, 1.2800, 0.1779

Inverse Universe

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



37.4303, 38.4504, 67.0769



51.3357, 52.0771, 101.9539



35.9095, 32.4130, 65.9918



11.4710, 12.0323, 14.9615



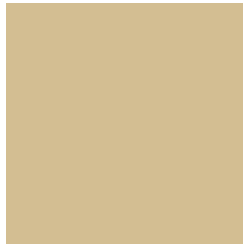
8.4319, 5.5105, 37.8117



0.5430, 0.4511, 2.1380

Previews

White Background



This preview shows how the XYZ color 50.4657, 52.7511, 34.7163 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 50.4657, 52.7511, 34.7163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

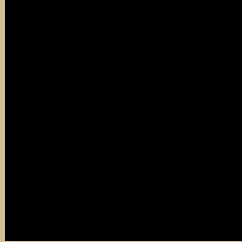
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4657, 52.7511, 34.7163

Background



This preview shows how black text looks on a background with the XYZ color 50.4657, 52.7511, 34.7163.



This preview shows how white text looks on a background with the XYZ color 50.4657, 52.7511,

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

50.4657, 52.7511, 34.7163

Protanopia

49.2929, 52.7850, 35.1943

Deuteranopia

53.7710, 52.5563, 34.9141



Tritanopia

55.6268, 52.6499, 60.0539

Trichromacy



Original Color

50.4657, 52.7511, 34.7163

Protanomaly

49.6294, 52.6336, 35.1473

Deuteranomaly

52.6442, 52.5965, 34.9813

Tritanomaly

53.6191, 52.7792, 49.4809

Monochromacy



Original Color

50.4657, 52.7511, 34.7163

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.6574, 52.3625, 48.0472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4657, 52.7511, 34.7163 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, 190, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 190, 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(211, 190, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 190, 146) }
```

Border

The CSS property to change the border of an element to XYZ 50.4657, 52.7511, 34.7163 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, 190, 146) }
```


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

```
.border{ border-color:rgb(211, 190, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 190, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 190, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 190, 146);  
box-shadow:4px 4px 4px 4px rgb(211, 190,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4657, 52.7511, 34.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 190, 146) }
```

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

```
.background{ background-color: rgb(211,  
190, 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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