

Converting Colors

XYZ(52.4948, 54.1949, 46.2220)

Have a look what the booklet for
XYZ(52.4948, 54.1949, 46.2220)
contains.

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Color

**XYZ(52.4948, 54.1949,
46.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C0AB
RGB	209, 192, 171
RGB Percent	82%, 75%, 67%
CMY	0.1804, 0.2470, 0.3294
CMYK	0.00, 0.08, 0.18, 0.18
HSL	33°, 29%, 75%
HSV	33°, 18%, 82%
XYZ	52.4948, 54.1949, 46.2220
YIQ	194.6890, 16.8730, -2.9270

Conversions

Conversions Part 2

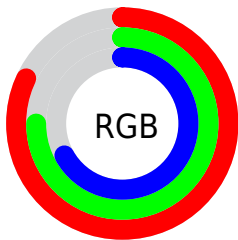
Format	Color
R_{YB}	202, 209, 171
Decimal	13746347
CIE Lab	78.58, 2.58, 12.75
CIE LCh	79, 13.007, 78.560
Yxy	54.1949, 0.3433, 0.3544
Android (android.graphics.Color)	4291936427 (0xFFD1C0AB)
YUV	194.6890, -11.6787, 12.5507
Hunter-Lab	73.6172, -1.5456, 14.3056

Details

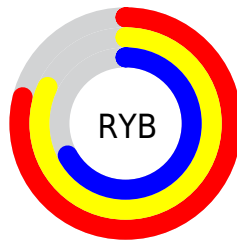
The XYZ color **52.4948, 54.1949, 46.2220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2861, 49.2266, 67.3840**, and the grayscale version is **51.7482, 54.4431, 59.2885**.

A 20% lighter version of the original color is **88.5349, 93.8858, 85.4070**, and **25.8888, 26.6672, 21.2356** is the 20% darker color. If you saturate the color by 10%, you get **48.6708, 49.4866, 35.8837**, and if you desaturate by 10%, it is **56.7672, 59.2948, 58.2651**.

Distribution



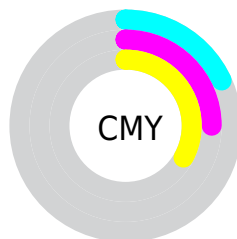
- Red (82%)
- Green (75%)
- Blue (67%)



- Red (79%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (8%)
- Yellow (18%)
- Black (18%)





- Cyan (18%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4948, 54.1949, 46.2220 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 52.4948, 54.1949, 46.2220 by changing the saturation by 10% instead.


 52.4948, 54.1949,
46.2220

 52.4948, 54.1949,
46.2220


386.6365,
402.8528, 388.0039

 37.6255, 38.7575,
32.0711


 93.0305, 96.3604,
85.8889

 25.8680, 26.5711,
21.1506


119.4275,
123.8572, 112.2420

 16.8571, 17.2514,
13.0418


150.3979,
156.1426, 143.4996

 10.2273, 10.4139,
7.3263

186.3069,
193.6011, 180.0803

 5.6134, 5.6742,
3.5854

227.5199,
236.6169, 222.4025

 2.6498, 2.6480,
1.4008

274.4023,

 0.9714, 0.9509,

285.5746, 270.8848

0.1423

327.3194,
340.8584, 325.9458

■ 0.0000, 0.0000,
0.0000

■ 52.4948, 54.1949,
46.2220

■ 52.4948, 54.1949,
46.2220

■ 48.6708, 49.4866,
35.8837

■ 56.7672, 59.2948,
58.2651

■ 45.2736, 45.1519,
27.1682

■ 61.4996, 64.7893,
72.0831

■ 42.2862, 41.1820,
19.9918

■ 66.7089, 70.6904,
87.7461

■ 39.6887, 37.5648,
14.2620

■ 72.4095, 77.0076,
105.3195

■ 37.4591, 34.2873,
9.8759

■ 75.1360, 82.3582,
106.5444

■ 35.5728, 31.3352,
6.7172

■ 77.9400, 87.9661,
107.4790

■ 34.0011, 28.6928,
4.6491

■ 80.1046, 92.2954,
108.2006

■ 32.7029, 26.3387,
3.4694

■ 32.4853, 25.9368,
3.2941

Harmonies

Analogous

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



54.8434, 54.1949, 49.0432



52.4948, 54.1949, 46.2220



49.9570, 54.1949, 46.6088

Triad

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



52.4948, 54.1949, 46.2220



46.9762, 54.1949, 63.6190



55.2962, 54.1949, 68.8572

Complementary

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



52.4948, 54.1949, 46.2220



46.2861, 49.2266, 67.3840

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.



53.0961, 54.1949, 73.4340



52.4948, 54.1949, 46.2220



48.3157, 54.1949, 70.2409

Square

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



52.4948, 54.1949, 46.2220



46.8273, 54.1949, 56.2523



50.5388, 54.1949, 73.9604



56.4962, 54.1949, 61.8544

Rectangle

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



52.4948, 54.1949, 46.2220



48.4978, 54.1949, 48.6411



50.5388, 54.1949, 73.9604



54.6457, 54.1949, 70.7545

Sweetspot

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



52.4963, 54.1973, 46.2231



91.2723, 95.6213, 97.8476



49.9458, 46.3170, 53.9417



19.4256, 20.3379, 20.6234



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.



52.4963, 54.1973, 46.2231



79.8087, 81.9220, 65.5781



55.9116, 61.8213, 47.5147



12.3427, 12.8761, 12.4468



20.1292, 16.1913, 2.0643



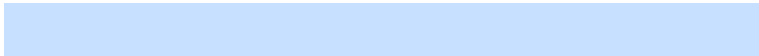
1.2041, 1.0625, 0.1416

Inverse Universe

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



46.2861, 49.2266, 67.3840



68.2299, 72.6548, 105.0354



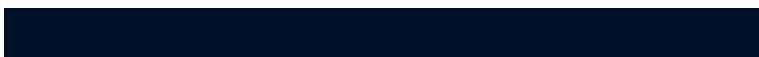
43.2837, 42.6029, 66.2637



11.5927, 12.2758, 15.0021



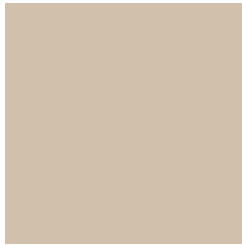
9.6305, 7.9076, 38.2112



0.6171, 0.5994, 2.1627

Previews

White Background



This preview shows how the XYZ color 52.4948, 54.1949, 46.2220 looks on a white background.

Color Contrast Check

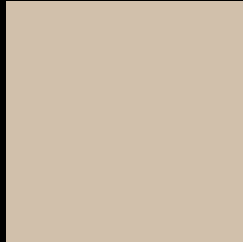
Large Text (above 18pt) WCAG AA × Fail

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 52.4948, 54.1949, 46.2220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

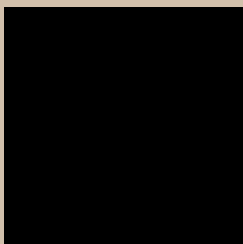
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

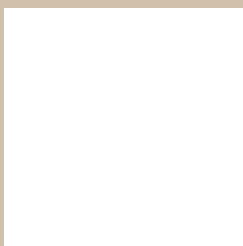
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4948, 54.1949, 46.2220

Background



This preview shows how black text looks on a background with the XYZ color 52.4948, 54.1949, 46.2220.



This preview shows how white text looks on a background with the XYZ color 52.4948, 54.1949,

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

52.4948, 54.1949, 46.2220

Protanopia

51.3668, 54.2586, 46.7954

Deuteranopia

55.0355, 53.8914, 46.5311



Tritanopia

55.8716, 53.9510, 63.3460

Trichromacy



Original Color

52.4948, 54.1949, 46.2220

Protanomaly

51.6932, 54.0976, 46.7471

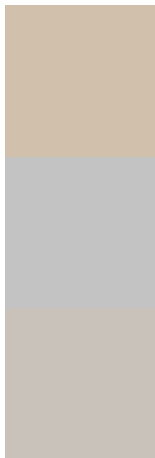
Deuteranomaly

54.2593, 54.1255, 46.6172

Tritanomaly

54.7529, 54.1538, 56.8572

Monochromacy



Original Color

52.4948, 54.1949, 46.2220

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.9741, 54.4081, 54.2169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4948, 54.1949, 46.2220 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, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(209, 192, 171)  
}
```

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, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 192, 171) }
```

Border

The CSS property to change the border of an element to XYZ 52.4948, 54.1949, 46.2220 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, 192, 171) }
```


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

```
.border{ border-color:rgb(209, 192, 171) }
```

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

Here you see how a box with a 4 pixel rgb(209, 192, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(209, 192,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4948, 54.1949, 46.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 192, 171) }
```

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

```
.background{ background-color: rgb(209,  
192, 171) }
```

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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