

Converting Colors

XYZ(50.2914, 53.7042, 46.7450)

Have a look what the booklet for
XYZ(50.2914, 53.7042, 46.7450)
contains.

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Color

**XYZ(50.2914, 53.7042,
46.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C2AC
RGB	199, 194, 172
RGB Percent	78%, 76%, 67%
CMY	0.2196, 0.2392, 0.3255
CMYK	0.00, 0.03, 0.14, 0.22
HSL	49°, 19%, 73%
HSV	49°, 14%, 78%
XYZ	50.2914, 53.7042, 46.7450
YIQ	192.9870, 10.0420, -5.7820

Conversions

Conversions Part 2

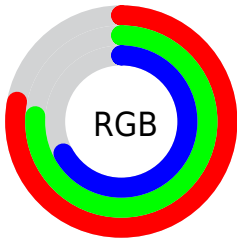
Format	Color
RYB	178, 199, 172
Decimal	13091500
CIELab	78.29, -2.01, 11.69
CIELCh	78, 11.862, 99.746
Yxy	53.7042, 0.3336, 0.3563
Android (android.graphics.Color)	4291281580 (0xFFC7C2AC)
YUV	192.9870, -10.3466, 5.2734
Hunter-Lab	73.2831, -5.7478, 13.4790

Details

The XYZ color **50.2914, 53.7042, 46.7450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.0442, 44.3378, 60.3228**, and the grayscale version is **50.7369, 53.3791, 58.1299**.

A 20% lighter version of the original color is **89.2907, 95.1773, 86.3380**, and **24.4453, 26.1320, 21.5249** is the 20% darker color. If you saturate the color by 10%, you get **47.7126, 51.3792, 37.1518**, and if you desaturate by 10%, it is **53.1797, 56.1890, 57.8547**.

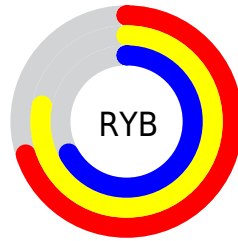
Distribution



Red (78%)

Green (76%)

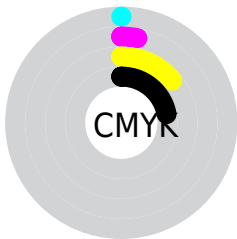
Blue (67%)



Red (70%)

Yellow (78%)

Blue (67%)

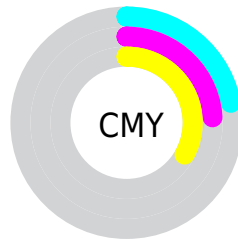


Cyan (0%)

Magenta (3%)

Yellow (14%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2914, 53.7042, 46.7450 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 50.2914, 53.7042, 46.7450 by changing the saturation by 10% instead.

■ 50.2914, 53.7042,
46.7450

■ 50.2914, 53.7042,
46.7450

378.2376,
400.9810, 390.1600

■ 35.8637, 38.3652,
32.4812

■ 89.7957, 95.6398,
86.6789

■ 24.4986, 26.2663,
21.4615

115.6031,
123.0052, 113.1860

■ 15.8306, 17.0229,
13.2672

145.9344,
155.1482, 144.6113

■ 9.4945, 10.2509,
7.4799

181.1550,
192.4532, 181.3734

■ 5.1248, 5.5656,
3.6810

221.6303,
235.3046, 223.8908

■ 2.3562, 2.5828,
1.4520

267.7256,

■ 0.8232, 0.9180,

284.0868, 272.5820

0.1818

319.8062,
339.1841, 327.8656

■ 0.0000, 0.0000,
0.0000

■ 50.2914, 53.7042,
46.7450

■ 50.2914, 53.7042,
46.7450

■ 47.7126, 51.3792,
37.1518

■ 53.1797, 56.1890,
57.8547

■ 45.4261, 49.2017,
29.0047

■ 56.3851, 58.8316,
70.5401

■ 43.4196, 47.1682,
22.2332

■ 59.9205, 61.6392,
84.8614

■ 41.6780, 45.2724,
16.7592

■ 63.7966, 64.6162,
100.8748

■ 40.1851, 43.5077,
12.4968

■ 65.2514, 66.6582,
104.0349

■ 38.9223, 41.8663,
9.3498

■ 66.1849, 68.5252,
104.3461

■ 37.8684, 40.3396,
7.2074

■ 67.1396, 70.4345,
104.6643

■ 36.9980, 38.9171,
5.9358

■ 68.1155, 72.3864,
104.9896

■ 36.5048, 38.0449,
5.4194

■ 69.1129, 74.3811,
105.3221

Harmonies

Analogous

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



52.6071, 53.7042, 47.2696



50.2914, 53.7042, 46.7450



48.2396, 53.7042, 49.1749

Triad

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



50.2914, 53.7042, 46.7450



47.6843, 53.7042, 67.0465



55.3531, 53.7042, 63.0188

Complementary

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



50.2914, 53.7042, 46.7450



43.0442, 44.3378, 60.3228

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.



53.9555, 53.7042, 68.8789



50.2914, 53.7042, 46.7450



49.5126, 53.7042, 71.3240

Square

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



50.2914, 53.7042, 46.7450



46.7649, 53.7042, 60.6684



51.8045, 53.7042, 72.0189



55.5770, 53.7042, 56.3347

Rectangle

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



50.2914, 53.7042, 46.7450



47.2801, 53.7042, 52.2599



51.8045, 53.7042, 72.0189



55.0030, 53.7042, 65.1638

Sweetspot

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



50.2928, 53.7066, 46.7461



92.8517, 98.1620, 100.2796



46.2822, 44.8382, 48.0203



19.7878, 20.9378, 21.1279



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.



50.2928, 53.7066, 46.7461



86.8017, 92.9223, 77.1132



49.3312, 54.8895, 47.0252



11.3506, 12.0703, 11.2943



23.5327, 24.5827, 3.5046



1.1588, 1.2530, 0.1808

Inverse Universe

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



43.0442, 44.3378, 60.3228



71.8949, 73.6561, 105.0355



43.9077, 43.3446, 60.0856



10.2128, 10.5998, 13.4252



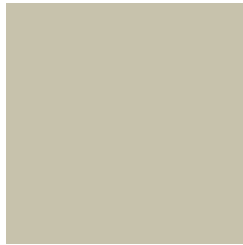
7.0982, 3.5902, 35.0632



0.3856, 0.2690, 1.6767

Previews

White Background



This preview shows how the XYZ color 50.2914, 53.7042, 46.7450 looks on a white background.

Color Contrast Check

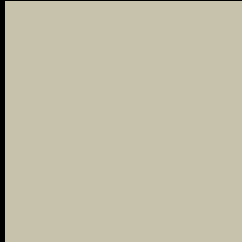
Large Text (above 18pt) WCAG AA × Fail

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 50.2914, 53.7042, 46.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

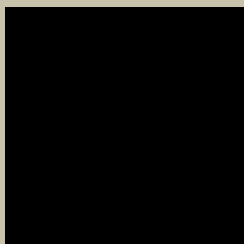
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

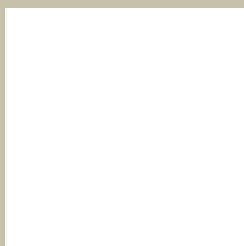
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2914, 53.7042, 46.7450

Background



This preview shows how black text looks on a background with the XYZ color 50.2914, 53.7042, 46.7450.



This preview shows how white text looks on a background with the XYZ color 50.2914, 53.7042,

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

50.2914, 53.7042, 46.7450

Protanopia

50.7778, 53.6368, 46.2047

Deuteranopia

54.8283, 53.7734, 47.0247



Tritanopia

53.7253, 53.4513, 64.6123

Trichromacy



Original Color

50.2914, 53.7042, 46.7450

Protanomaly

50.5080, 53.4977, 46.1921

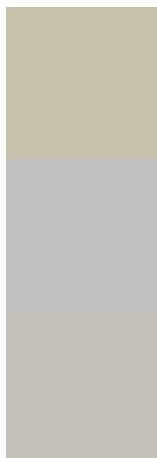
Deuteranomaly

53.1077, 53.8411, 47.1285

Tritanomaly

52.5024, 53.6239, 57.4525

Monochromacy



Original Color

50.2914, 53.7042, 46.7450

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.3326, 53.2448, 53.5234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2914, 53.7042, 46.7450 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(199, 194, 172)` looks like.

```
.text, #text, p{  
    color:rgb(199, 194, 172)  
}
```

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(199, 194, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 194, 172) }
```

Border

The CSS property to change the border of an element to XYZ 50.2914, 53.7042, 46.7450 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(199, 194, 172) }
```


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

```
.border{ border-color:rgb(199, 194, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 194, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 194, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 194, 172);  
box-shadow:4px 4px 4px 4px rgb(199, 194,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2914, 53.7042, 46.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 194, 172) }
```

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

```
.background{ background-color: rgb(199,  
194, 172) }
```

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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