

Converting Colors

XYZ(53.0429, 56.9880, 47.9464)

Have a look what the booklet for
XYZ(53.0429, 56.9880, 47.9464)
contains.

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Color

**XYZ(53.0989, 57.1631,
47.7701)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC8AD
RGB	204, 200, 173
RGB Percent	80%, 78%, 68%
CMY	0.2000, 0.2157, 0.3216
CMYK	0.00, 0.02, 0.15, 0.20
HSL	52°, 23%, 74%
HSV	52°, 15%, 80%
XYZ	53.0989, 57.1631, 47.7701
YIQ	198.1180, 11.0510, -7.5490

Conversions

Conversions Part 2

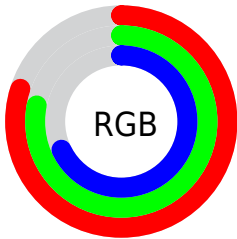
Format	Color
R _{YB}	178, 204, 173
Decimal	13420717
CIE Lab	80.27, -3.16, 14.01
CIE LCh	80, 14.366, 102.719
Yxy	57.1631, 0.3360, 0.3617
Android (android.graphics.Color)	4291610797 (0xFFCCC8AD)
YUV	198.1180, -12.3832, 5.1585
Hunter-Lab	75.6063, -6.9490, 15.4634

Details

The XYZ color **53.0989, 57.1631, 47.7701** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.8545, 44.6870, 63.4411**, and the grayscale version is **53.8178, 56.6205, 61.6597**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **26.3078, 28.4223, 22.1886** is the 20% darker color. If you saturate the color by 10%, you get **50.6706, 55.2277, 37.9541**, and if you desaturate by 10%, it is **55.8422, 59.2450, 59.1795**.

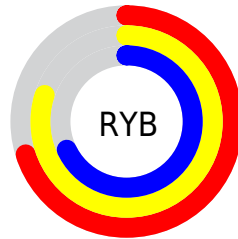
Distribution



Red (80%)

Green (78%)

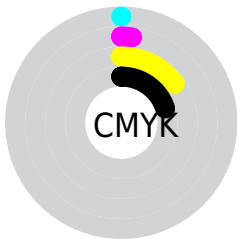
Blue (68%)



Red (70%)

Yellow (80%)

Blue (68%)

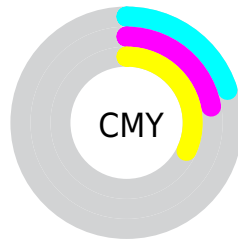


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0989, 57.1631, 47.7701 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 53.0989, 57.1631, 47.7701 by changing the saturation by 10% instead.

■ 53.0989, 57.1631,
47.7701

■ 53.0989, 57.1631,
47.7701

388.9191,
414.0602, 394.3625

■ 38.1095, 41.1362,
33.2862

■ 93.9146, 100.7031,
88.2240

■ 26.2453, 28.4255,
22.0728

120.4715,
128.9851, 115.0310

■ 17.1409, 18.6467,
13.7116

151.6151,
162.1208, 146.7828

■ 10.4309, 11.4153,
7.7839

187.7106,
200.4947, 183.8980

■ 5.7500, 6.3469,
3.8712

229.1234,
244.4912, 226.7950

■ 2.7329, 3.0571,
1.5550

276.2188,

■ 1.0141, 1.1616,

294.4947, 275.8924

0.2584

329.3623,
350.8896, 331.6087

■ 0.0000, 0.0300,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.0989, 57.1631,
47.7701

■ 53.0989, 57.1631,
47.7701

■ 50.6706, 55.2277,
37.9541

■ 55.8422, 59.2450,
59.1795

■ 48.5391, 53.4258,
29.6561

■ 58.9087, 61.4712,
72.2459

■ 46.6911, 51.7539,
22.7999

■ 62.3120, 63.8490,
87.0338

■ 45.1106, 50.2055,
17.3016

■ 66.0635, 66.3831,
103.6032

■ 43.7799, 48.7735,
13.0682

■ 66.7842, 67.7219,
104.1595

■ 42.6791, 47.4498,
9.9954

■ 67.4515, 69.0566,
104.3819

■ 41.7853, 46.2250,
7.9618

■ 68.1296, 70.4128,
104.6079

■ 41.0702, 45.0880,
6.8197

■ 68.8185, 71.7906,
104.8376

■ 40.7645, 44.5625,
6.4529

■ 69.5183, 73.1902,
105.0709

Harmonies

Analogous

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



56.0254, 57.1631, 48.0498



53.0989, 57.1631, 47.7701



50.5929, 57.1631, 51.1066

Triad

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



53.0989, 57.1631, 47.7701



50.2906, 57.1631, 73.8607



59.9000, 57.1631, 67.1662

Complementary

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



53.0989, 57.1631, 47.7701



43.8545, 44.6870, 63.4411

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.



58.2505, 57.1631, 74.8851



53.0989, 57.1631, 47.7701



52.6727, 57.1631, 78.9826

Square

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



53.0989, 57.1631, 47.7701



49.0112, 57.1631, 65.8671



55.5837, 57.1631, 79.3735



60.0242, 57.1631, 58.7502

Rectangle

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



53.0989, 57.1631, 47.7701



49.4693, 57.1631, 55.1234



55.5837, 57.1631, 79.3735



59.5029, 57.1631, 69.9461

Sweetspot

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



53.1004, 57.1656, 47.7713



92.5426, 98.1619, 98.2710



47.7951, 45.9049, 48.0069



19.7349, 20.9565, 20.7265



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.



53.1004, 57.1656, 47.7713



86.6628, 93.6720, 73.8994



51.0351, 57.4925, 47.9433



12.0257, 12.8404, 11.9241



25.7057, 28.1443, 4.0776



1.3614, 1.5224, 0.2221

Inverse Universe

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



43.8545, 44.6870, 63.4411



68.6772, 69.3987, 104.3834



45.6984, 44.4832, 63.3046



10.7164, 11.0732, 14.1429



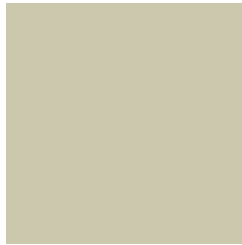
7.1349, 3.2937, 36.2160



0.4074, 0.2486, 1.8814

Previews

White Background



This preview shows how the XYZ color 53.0989, 57.1631, 47.7701 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 53.0989, 57.1631, 47.7701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

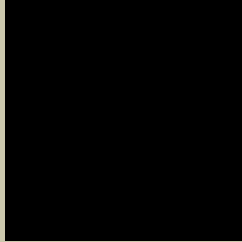
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0989, 57.1631, 47.7701

Background



This preview shows how black text looks on a background with the XYZ color 53.0989, 57.1631, 47.7701.



This preview shows how white text looks on a background with the XYZ color 53.0989, 57.1631,

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

53.0989, 57.1631, 47.7701

Protanopia

54.1643, 57.3807, 47.2505

Deuteranopia

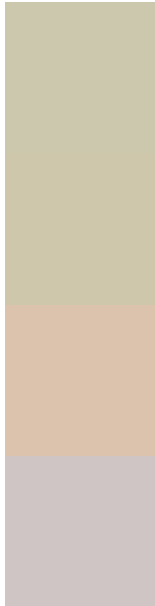
58.2661, 57.1253, 48.5128



Tritanopia

57.4425, 57.2387, 68.9934

Trichromacy



Original Color

53.0989, 57.1631, 47.7701

Protanomaly

53.6019, 57.0908, 47.2242

Deuteranomaly

56.3685, 57.1463, 48.1038

Tritanomaly

55.7764, 57.2291, 60.9299

Monochromacy



Original Color

53.0989, 57.1631, 47.7701

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4281, 56.8003, 56.2917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0989, 57.1631, 47.7701 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(204, 200, 173)` looks like.

```
.text, #text, p{  
    color:rgb(204, 200, 173)  
}
```

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(204, 200, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 200, 173) }
```

Border

The CSS property to change the border of an element to XYZ 53.0989, 57.1631, 47.7701 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(204, 200, 173) }
```


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

```
.border{ border-color:rgb(204, 200, 173) }
```

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

Here you see how a box with a 4 pixel rgb(204, 200, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 200, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 200, 173);  
box-shadow:4px 4px 4px 4px rgb(204, 200,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0989, 57.1631, 47.7701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 200, 173) }
```

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

```
.background{ background-color: rgb(204,  
200, 173) }
```

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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