

Converting Colors

XYZ(53.4670, 57.0269, 47.1549)

Have a look what the booklet for
XYZ(53.4670, 57.0269, 47.1549)
contains.

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Color

**XYZ(53.6019, 57.0908,
47.2242)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC7AC
RGB	207, 199, 172
RGB Percent	81%, 78%, 67%
CMY	0.1882, 0.2196, 0.3255
CMYK	0.00, 0.04, 0.17, 0.19
HSL	46°, 27%, 74%
HSV	46°, 17%, 81%
XYZ	53.6019, 57.0908, 47.2242
YIQ	198.3140, 13.4350, -6.7010

Conversions

Conversions Part 2

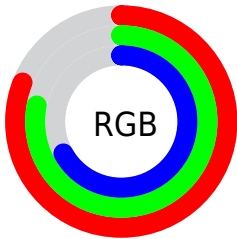
Format	Color
R_{YB}	182, 207, 172
Decimal	13617068
CIE _{Lab}	80.23, -1.69, 14.52
CIE _{LCh}	80, 14.623, 96.643
Yxy	57.0908, 0.3394, 0.3615
Android (android.graphics.Color)	4291807148 (0xFFCFC7AC)
YUV	198.3140, -12.9728, 7.6176
Hunter-Lab	75.5585, -5.5977, 15.8345

Details

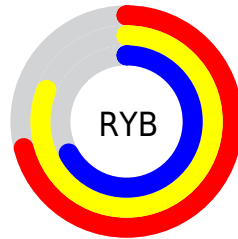
The XYZ color **53.6019, 57.0908, 47.2242** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.5967, 45.9171, 65.5442**, and the grayscale version is **53.9395, 56.7486, 61.7992**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **26.4645, 28.2823, 21.8335** is the 20% darker color. If you saturate the color by 10%, you get **50.6961, 54.2164, 37.1995**, and if you desaturate by 10%, it is **56.8543, 60.1618, 58.8936**.

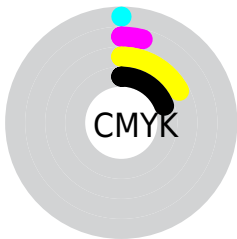
Distribution



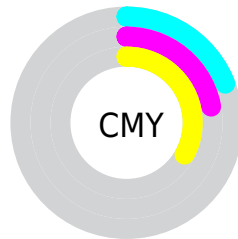
- Red (81%)
- Green (78%)
- Blue (67%)



- Red (71%)
- Yellow (81%)
- Blue (67%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6019, 57.0908, 47.2242 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 53.6019, 57.0908, 47.2242 by changing the saturation by 10% instead.

■ 53.6019, 57.0908,
47.2242

■ 53.6019, 57.0908,
47.2242

390.8133,
413.7895, 392.1284

■ 38.5129, 41.0781,
32.8573

■ 94.6498, 100.5977,
87.4017

■ 26.5600, 28.3802,
21.7469

121.3394,
128.8607, 114.0493

■ 17.3779, 18.6124,
13.4745

152.6265,
161.9759, 145.6277

■ 10.6013, 11.3906,
7.6216

188.8766,
200.3278, 182.5552

■ 5.8647, 6.3302,
3.7695

230.4550,
244.3007, 225.2505

■ 2.8029, 3.0469,
1.4998

277.7270,

■ 1.0504, 1.1563,

294.2790, 274.1321

0.2177

331.0579,
350.6471, 329.6186

■ 0.0000, 0.0255,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.6019, 57.0908,
47.2242

■ 53.6019, 57.0908,
47.2242

■ 50.6961, 54.2164,
37.1995

■ 56.8543, 60.1618,
58.8936

■ 48.1177, 51.5246,
28.7406

■ 60.4624, 63.4277,
72.2745

■ 45.8525, 49.0113,
21.7672

■ 64.4406, 66.8967,
87.4345

■ 43.8834, 46.6691,
16.1907

■ 68.8011, 70.5742,
104.4365

■ 42.1914, 44.4898,
11.9131

■ 70.0763, 73.0735,
105.0189

■ 40.7553, 42.4644,
8.8233

■ 71.3548, 75.6306,
105.4451

■ 39.5500, 40.5826,
6.7918

■ 72.6689, 78.2587,
105.8831

■ 38.5428, 38.8305,
5.6474

■ 74.0188, 80.9585,
106.3331

■ 38.2533, 38.3076,
5.3779

■ 75.4048, 83.7306,
106.7951

Harmonies

Analogous

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



56.5703, 57.0908, 48.2612



53.6019, 57.0908, 47.2242



50.9095, 57.0908, 49.8852

Triad

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



53.6019, 57.0908, 47.2242



49.7874, 57.0908, 72.4965



59.7041, 57.0908, 68.9086

Complementary

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



53.6019, 57.0908, 47.2242



44.5967, 45.9171, 65.5442

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.



57.7608, 57.0908, 76.3043



53.6019, 57.0908, 47.2242



52.0195, 57.0908, 78.5049

Square

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



53.6019, 57.0908, 47.2242



48.7600, 57.0908, 64.0830



54.9297, 57.0908, 79.9585



60.1654, 57.0908, 60.2801

Rectangle

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



53.6019, 57.0908, 47.2242



49.6094, 57.0908, 53.5558



54.9297, 57.0908, 79.9585



59.1991, 57.0908, 71.6445

Sweetspot

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



53.6034, 57.0933, 47.2254



92.1424, 97.3615, 98.1376



48.7404, 46.0732, 49.5939



19.6374, 20.7614, 20.6940



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.



53.6034, 57.0933, 47.2254



84.2944, 89.9302, 70.0422



52.9606, 59.5651, 47.7364



12.5649, 13.3205, 12.5209



24.1755, 24.2840, 3.4131



1.4091, 1.4725, 0.2100

Inverse Universe

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



44.5967, 45.9171, 65.5442



67.4183, 68.9902, 104.3709



45.1500, 43.8749, 65.1208



11.3797, 11.8496, 14.9311



7.8034, 4.2533, 37.6022



0.4979, 0.3610, 2.1230

Previews

White Background



This preview shows how the XYZ color 53.6019, 57.0908, 47.2242 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 53.6019, 57.0908, 47.2242 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

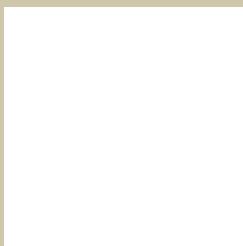
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6019, 57.0908, 47.2242

Background



This preview shows how black text looks on a background with the XYZ color 53.6019, 57.0908, 47.2242.



This preview shows how white text looks on a background with the XYZ color 53.6019, 57.0908,

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

53.6019, 57.0908, 47.2242

Protanopia

53.9350, 56.9220, 47.1741

Deuteranopia

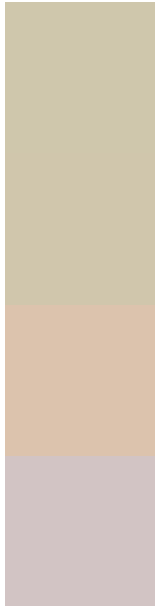
58.0710, 57.0473, 47.4857



Tritanopia

57.9518, 57.1841, 68.3048

Trichromacy



Original Color

53.6019, 57.0908, 47.2242

Protanomaly

53.6529, 56.7766, 47.1609

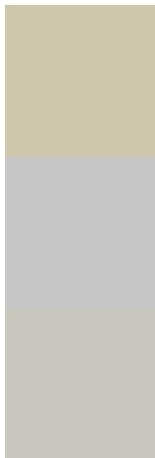
Deuteranomaly

56.5731, 57.2630, 47.6063

Tritanomaly

56.2821, 57.1670, 60.2925

Monochromacy



Original Color

53.6019, 57.0908, 47.2242

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4668, 56.4798, 56.2278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6019, 57.0908, 47.2242 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(207, 199, 172)` looks like.

```
.text, #text, p{  
    color:rgb(207, 199, 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(207, 199, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 199, 172) }
```

Border

The CSS property to change the border of an element to XYZ 53.6019, 57.0908, 47.2242 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(207, 199, 172) }
```


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

```
.border{ border-color:rgb(207, 199, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 199, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 199, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 199, 172); box-shadow:4px 4px 4px 4px rgb(207, 199, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6019, 57.0908, 47.2242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 199, 172) }
```

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

```
.background{ background-color: rgb(207,  
199, 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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