

Converting Colors

XYZ(53.0868, 57.1900, 46.2710)

Have a look what the booklet for
XYZ(53.0868, 57.1900, 46.2710)
contains.

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Color

**XYZ(53.0868, 57.1900,
46.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC8AA
RGB	205, 200, 170
RGB Percent	80%, 78%, 67%
CMY	0.1961, 0.2157, 0.3333
CMYK	0.00, 0.02, 0.17, 0.20
HSL	51°, 26%, 74%
HSV	51°, 17%, 80%
XYZ	53.0868, 57.1900, 46.2710
YIQ	198.0750, 12.6100, -8.2700

Conversions

Conversions Part 2

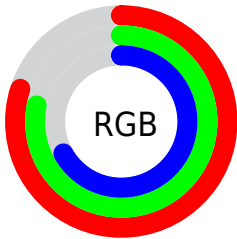
Format	Color
R _Y B	176, 205, 170
Decimal	13486250
CIE Lab	80.29, -3.26, 15.65
CIE LCh	80, 15.982, 101.767
Yxy	57.1900, 0.3391, 0.3653
Android (android.graphics.Color)	4291676330 (0xFFC8DC8AA)
YUV	198.0750, -13.8410, 6.0732
Hunter-Lab	75.6241, -7.0382, 16.6599

Details

The XYZ color **53.0868, 57.1900, 46.2710** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.9268, 43.6128, 63.9135**, and the grayscale version is **53.7995, 56.6013, 61.6388**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **26.3114, 28.4451, 21.2432** is the 20% darker color. If you saturate the color by 10%, you get **50.6262, 55.1337, 36.6178**, and if you desaturate by 10%, it is **55.8659, 59.3982, 57.5237**.

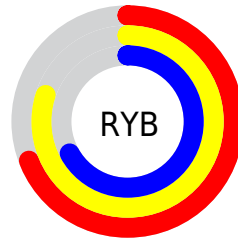
Distribution



Red (80%)

Green (78%)

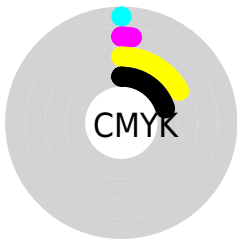
Blue (67%)



Red (69%)

Yellow (80%)

Blue (67%)

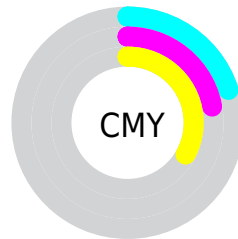


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (20%)



Cyan (20%)


Magenta (22%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0868, 57.1900, 46.2710 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 53.0868, 57.1900, 46.2710 by changing the saturation by 10% instead.

 53.0868, 57.1900,
46.2710

 53.0868, 57.1900,
46.2710


388.8735,
414.1609, 388.2063

 38.0998, 41.1578,
32.1095


 93.8969, 100.7424,
85.9630

 26.2377, 28.4424,
21.1797


120.4506,
129.0313, 112.3306

 17.1352, 18.6594,
13.0629


151.5908,
162.1747, 143.6039

 10.4268, 11.4244,
7.3406

187.6825,
200.5568, 180.2016

 5.7473, 6.3531,
3.5944

229.0913,
244.5621, 222.5421

 2.7312, 3.0609,
1.4056

276.1825,

 1.0133, 1.1636,

294.5749, 271.0441

0.1460

329.3214,
350.9797, 326.1259

■ 0.0000, 0.0317,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.0868, 57.1900,
46.2710

■ 53.0868, 57.1900,
46.2710

■ 50.6262, 55.1337,
36.6178

■ 55.8659, 59.3982,
57.5237

■ 48.4655, 53.2162,
28.4867

■ 58.9720, 61.7562,
70.4411

■ 46.5910, 51.4336,
21.7998

■ 62.4190, 64.2716,
85.0892

■ 44.9862, 49.7793,
16.4702

■ 66.2187, 66.9491,
101.5293

■ 43.6329, 48.2459,
12.4021

■ 67.4345, 68.6142,
104.2974

■ 42.5103, 46.8249,
9.4870

■ 68.1846, 70.1144,
104.5475

■ 41.5944, 45.5067,
7.5983

■ 68.9480, 71.6413,
104.8020

■ 40.8527, 44.2781,
6.5657

■ 69.7250, 73.1952,
105.0609

■ 40.6517, 43.9286,
6.3365

■ 70.5154, 74.7761,
105.3244

Harmonies

Analogous

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



56.3459, 57.1900, 46.7031



53.0868, 57.1900, 46.2710



50.2809, 57.1900, 49.7965

Triad

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



53.0868, 57.1900, 46.2710



49.8069, 57.1900, 75.0342



60.5425, 57.1900, 68.0684

Complementary

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



53.0868, 57.1900, 46.2710



42.9268, 43.6128, 63.9135

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.



58.6485, 57.1900, 76.6702



53.0868, 57.1900, 46.2710



52.4162, 57.1900, 80.9611

Square

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



53.0868, 57.1900, 46.2710



48.4386, 57.1900, 66.0102



55.6481, 57.1900, 81.5881



60.7397, 57.1900, 58.6742

Rectangle

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



53.0868, 57.1900, 46.2710



49.0104, 57.1900, 54.1441



55.6481, 57.1900, 81.5881



60.0797, 57.1900, 71.1712

Sweetspot

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



53.0883, 57.1925, 46.2722



92.4868, 98.0503, 98.2524



47.3146, 44.8343, 46.8472



19.7213, 20.9292, 20.7219



0.0000, 0.0000, 0.0000



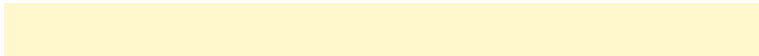
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.0883, 57.1925, 46.2722



85.6208, 92.5830, 70.4843



51.0162, 57.8700, 46.5122



12.0121, 12.8131, 11.9195



25.3604, 27.4537, 3.9625



1.3466, 1.4930, 0.2172

Inverse Universe

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



42.9268, 43.6128, 63.9135



66.3155, 66.7847, 104.0033



44.7453, 43.1336, 63.7252



10.7288, 11.0980, 14.1470



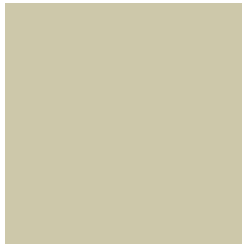
7.1796, 3.3832, 36.2309



0.4132, 0.2601, 1.8834

Previews

White Background



This preview shows how the XYZ color 53.0868, 57.1900, 46.2710 looks on a white background.

Color Contrast Check

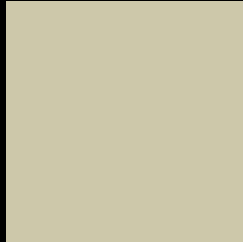
Large Text (above 18pt) WCAG AA × Fail

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 53.0868, 57.1900, 46.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

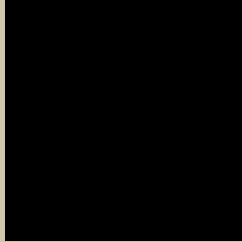
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

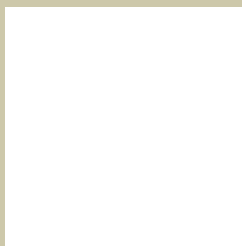
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0868, 57.1900, 46.2710

Background



This preview shows how black text looks on a background with the XYZ color 53.0868, 57.1900, 46.2710.



This preview shows how white text looks on a background with the XYZ color 53.0868, 57.1900,

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

53.0868, 57.1900, 46.2710

Protanopia

53.8794, 57.2667, 45.7500

Deuteranopia

58.2909, 57.1718, 46.9927



Tritanopia

57.5030, 56.9384, 68.9322

Trichromacy



Original Color

53.0868, 57.1900, 46.2710

Protanomaly

53.5973, 57.1213, 45.7368

Deuteranomaly

56.3810, 57.1861, 46.5945

Tritanomaly

55.6027, 56.8299, 59.6684

Monochromacy



Original Color

53.0868, 57.1900, 46.2710

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5879, 56.8952, 55.7344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0868, 57.1900, 46.2710 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(205, 200, 170)` looks like.

```
.text, #text, p{  
    color:rgb(205, 200, 170)  
}
```

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(205, 200, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 200, 170) }
```

Border

The CSS property to change the border of an element to XYZ 53.0868, 57.1900, 46.2710 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(205, 200, 170) }
```


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

```
.border{ border-color:rgb(205, 200, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 200, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 200, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 200, 170);  
box-shadow:4px 4px 4px 4px rgb(205, 200,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0868, 57.1900, 46.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 200, 170) }
```

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

```
.background{ background-color: rgb(205,  
200, 170) }
```

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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