

Converting Colors

XYZ(55.5691, 57.7755, 46.7511)

Have a look what the booklet for
XYZ(55.5691, 57.7755, 46.7511)
contains.

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Color

**XYZ(55.5691, 57.7755,
46.7511)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C6AB
RGB	215, 198, 171
RGB Percent	84%, 78%, 67%
CMY	0.1569, 0.2235, 0.3294
CMYK	0.00, 0.08, 0.20, 0.16
HSL	37°, 35%, 76%
HSV	37°, 20%, 84%
XYZ	55.5691, 57.7755, 46.7511
YIQ	200.0050, 18.7990, -4.7930

Conversions

Conversions Part 2

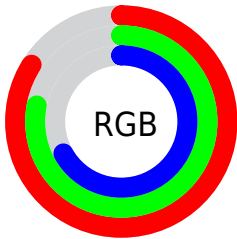
Format	Color
RYB	199, 215, 171
Decimal	14141099
CIELab	80.61, 1.65, 15.69
CIELCh	81, 15.779, 83.999
Yxy	57.7755, 0.3471, 0.3609
Android (android.graphics.Color)	4292331179 (0xFFD7C6AB)
YUV	200.0050, -14.2995, 13.1506
Hunter-Lab	76.0102, -2.5211, 16.7400

Details

The XYZ color **55.5691, 57.7755, 46.7511** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.0433, 49.5296, 71.3711**, and the grayscale version is **54.9812, 57.8445, 62.9927**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **27.8002, 28.7520, 21.5372** is the 20% darker color. If you saturate the color by 10%, you get **51.8381, 53.3305, 36.2059**, and if you desaturate by 10%, it is **59.7406, 62.5673, 59.0892**.

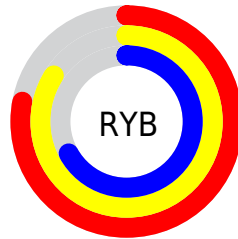
Distribution



Red (84%)

Green (78%)

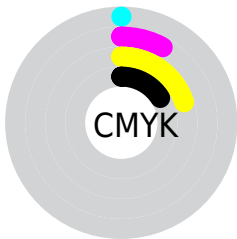
Blue (67%)



Red (78%)

Yellow (84%)

Blue (67%)

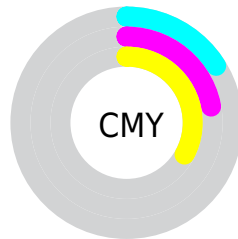


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (16%)



Cyan (16%)

Magenta (22%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5691, 57.7755, 46.7511 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 55.5691, 57.7755, 46.7511 by changing the saturation by 10% instead.

■ 55.5691, 57.7755,
46.7511

■ 55.5691, 57.7755,
46.7511

398.1670,
416.3489, 390.1851

■ 40.0932, 41.6282,
32.4860

■ 97.5177, 101.5959,
86.6881

■ 27.7957, 28.8103,
21.4651

124.7212,
130.0377, 113.1970

■ 18.3114, 18.9373,
13.2698

156.5645,
163.3465, 144.6243

■ 11.2748, 11.6250,
7.4817

193.4131,
201.9067, 181.3885

■ 6.3207, 6.4889,
3.6822

235.6323,
246.1026, 223.9081

■ 3.0835, 3.1446,
1.4527

283.5874,

■ 1.1981, 1.2077,

296.3187, 272.6018

0.1823

337.6439,
352.9393, 327.8879

■ 0.1049, 0.0680,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5691, 57.7755,
46.7511

■ 55.5691, 57.7755,
46.7511

■ 51.8381, 53.3305,
36.2059

■ 59.7406, 62.5673,
59.0892

■ 48.5254, 49.2147,
27.3644

■ 64.3648, 67.7072,
73.2959

■ 45.6132, 45.4203,
20.1357

■ 69.4587, 73.2067,
89.4474

■ 43.0809, 41.9363,
14.4186

■ 74.7132, 78.9446,
105.9078

■ 40.9052, 38.7506,
10.1001

■ 77.0961, 83.7103,
106.7021

■ 39.0601, 35.8497,
7.0516

■ 79.5908, 88.6997,
107.5336

■ 37.5147, 33.2183,
5.1200

■ 81.8345, 93.1872,
108.2815

■ 36.2694, 30.9370,
4.0598

Harmonies

Analogous

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



58.6653, 57.7755, 49.5253



55.5691, 57.7755, 46.7511



52.4141, 57.7755, 47.9487

Triad

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



55.5691, 57.7755, 46.7511



49.4065, 57.7755, 70.4622



60.1201, 57.7755, 74.0118

Complementary

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



55.5691, 57.7755, 46.7511



47.0433, 49.5296, 71.3711

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.



57.4919, 57.7755, 80.6933



55.5691, 57.7755, 46.7511



51.3259, 57.7755, 78.5067

Square

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



55.5691, 57.7755, 46.7511



48.9370, 57.7755, 61.0571



54.2638, 57.7755, 82.4141



61.3586, 57.7755, 64.7954

Rectangle

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



55.5691, 57.7755, 46.7511



50.6910, 57.7755, 50.9042



54.2638, 57.7755, 82.4141



59.3650, 57.7755, 76.6637

Sweetspot

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



55.5706, 57.7781, 46.7523



90.8272, 95.3406, 95.8201



51.7298, 47.2304, 54.3074



19.3456, 20.3007, 20.2180



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.



55.5706, 57.7781, 46.7523



79.0730, 81.8355, 61.0628



58.4011, 65.3315, 48.0611



13.0513, 13.6769, 13.1127



21.7989, 18.7151, 2.4634



1.3939, 1.2871, 0.1750

Inverse Universe

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



47.0433, 49.5296, 71.3711



64.1225, 67.3762, 104.2330



44.5985, 43.1933, 70.2769



12.1320, 12.7874, 15.7663



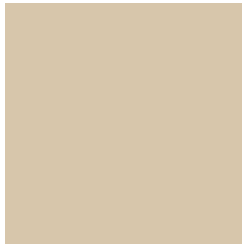
9.2842, 6.8302, 39.2822



0.6390, 0.5700, 2.3957

Previews

White Background



This preview shows how the XYZ color 55.5691, 57.7755, 46.7511 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 55.5691, 57.7755, 46.7511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

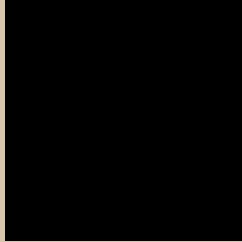
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5691, 57.7755, 46.7511

Background



This preview shows how black text looks on a background with the XYZ color 55.5691, 57.7755, 46.7511.



This preview shows how white text looks on a background with the XYZ color 55.5691, 57.7755,

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

55.5691, 57.7755, 46.7511

Protanopia

54.6790, 57.9887, 47.3408

Deuteranopia

58.8295, 57.7765, 47.0811



Tritanopia

59.9703, 57.9096, 67.6914

Trichromacy



Original Color

55.5691, 57.7755, 46.7511

Protanomaly

55.0212, 57.8225, 47.2906

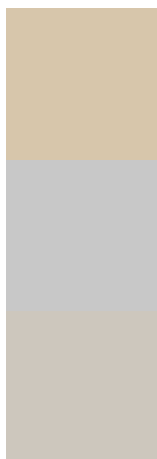
Deuteranomaly

57.7020, 57.8561, 47.1558

Tritanomaly

58.2789, 57.8758, 59.7293

Monochromacy



Original Color

55.5691, 57.7755, 46.7511

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7856, 57.5001, 56.3552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5691, 57.7755, 46.7511 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(215, 198, 171)` looks like.

```
.text, #text, p{  
    color:rgb(215, 198, 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(215, 198, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 198, 171) }
```

Border

The CSS property to change the border of an element to XYZ 55.5691, 57.7755, 46.7511 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(215, 198, 171) }
```


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

```
.border{ border-color:rgb(215, 198, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 198, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 198, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 198, 171);  
box-shadow:4px 4px 4px 4px rgb(215, 198,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5691, 57.7755, 46.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 198, 171) }
```

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

```
.background{ background-color: rgb(215,  
198, 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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