

Converting Colors

XYZ(55.0976, 56.0542, 47.0281)

Have a look what the booklet for
XYZ(55.0976, 56.0542, 47.0281)
contains.

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Color

**XYZ(55.0571, 56.1611,
46.9681)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C2AC
RGB	216, 194, 172
RGB Percent	85%, 76%, 67%
CMY	0.1529, 0.2392, 0.3255
CMYK	0.00, 0.10, 0.20, 0.15
HSL	30°, 36%, 76%
HSV	30°, 20%, 85%
XYZ	55.0571, 56.1611, 46.9681
YIQ	198.0700, 20.1740, -2.1780

Conversions

Conversions Part 2

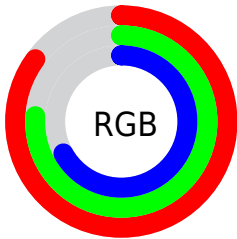
Format	Color
R _Y B	216, 216, 172
Decimal	14205612
CIE Lab	79.71, 4.28, 13.89
CIE LCh	80, 14.537, 72.888
Yxy	56.1611, 0.3481, 0.3550
Android (android.graphics.Color)	4292395692 (0xFFD8C2AC)
YUV	198.0700, -12.8525, 15.7246
Hunter-Lab	74.9407, -0.0067, 15.2993

Details

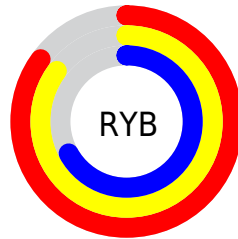
The XYZ color **55.0571, 56.1611, 46.9681** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6994, 52.3108, 72.4964**, and the grayscale version is **53.7874, 56.5885, 61.6249**.

A 20% lighter version of the original color is **89.2907, 95.1773, 86.3380**, and **27.4662, 27.6893, 21.6662** is the 20% darker color. If you saturate the color by 10%, you get **50.8328, 50.7667, 36.1437**, and if you desaturate by 10%, it is **59.7963, 62.0448, 59.6289**.

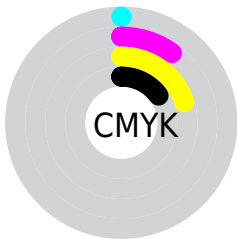
Distribution



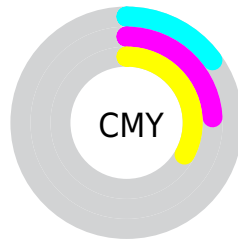
- Red (85%)
- Green (76%)
- Blue (67%)



- Red (85%)
- Yellow (85%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (15%)





- Cyan (15%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0571, 56.1611, 46.9681 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 55.0571, 56.1611, 46.9681 by changing the saturation by 10% instead.


 55.0571, 56.1611,
46.9681

 55.0571, 56.1611,
46.9681

396.2612,
410.2983, 391.0773

 39.6815, 40.3321,
32.6563


 96.7724, 99.2401,
87.0155

 27.4734, 27.7976,
21.5943


123.8429,
127.2589, 113.5881

 18.0675, 18.1731,
13.3636

155.5423,
160.1097, 145.0848

 11.0984, 11.0744,
7.5458

192.2360,
198.1769, 181.9240

 6.2009, 6.1169,
3.7221

234.2894,
241.8451, 224.5243

 3.0094, 2.9163,
1.4742

282.0678,

 1.1587, 1.0882,

291.4984, 273.3043

0.1986

335.9366,
347.5214, 328.6824

■ 0.0734, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0571, 56.1611,
46.9681

■ 55.0571, 56.1611,
46.9681

■ 50.8328, 50.7667,
36.1437

■ 59.7963, 62.0448,
59.6289

■ 47.0989, 45.8400,
27.0654

■ 65.0645, 68.4233,
74.2037

■ 43.8356, 41.3689,
19.6402

■ 70.8811, 75.3118,
90.7698

■ 41.0194, 37.3379,
13.7651

■ 76.7103, 82.5015,
106.4891

■ 38.6249, 33.7301,
9.3255

■ 79.9348, 88.9506,
107.5639

■ 36.6232, 30.5271,
6.1904

■ 82.1291, 93.3390,
108.2953

■ 34.9806, 27.7085,
4.2044

■ 33.6839, 25.3288,
3.1136

Harmonies

Analogous

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



57.6217, 56.1611, 50.7973



55.0571, 56.1611, 46.9681



52.1306, 56.1611, 46.7100

Triad

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



55.0571, 56.1611, 46.9681



48.0654, 56.1611, 64.8259



57.3127, 56.1611, 73.7717

Complementary

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



55.0571, 56.1611, 46.9681



48.6994, 52.3108, 72.4964

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.



54.6480, 56.1611, 78.2956



55.0571, 56.1611, 46.9681



49.3507, 56.1611, 72.8213

Square

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



55.0571, 56.1611, 46.9681



48.1658, 56.1611, 56.5169



51.7362, 56.1611, 77.9326



58.9563, 56.1611, 66.0294

Rectangle

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



55.0571, 56.1611, 46.9681



50.3735, 56.1611, 48.5580



51.7362, 56.1611, 77.9326



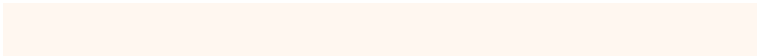
56.5026, 56.1611, 75.7496

Sweetspot

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



55.0586, 56.1636, 46.9693



90.2920, 94.2702, 95.6417



52.8096, 47.9997, 57.5211



19.2191, 20.0477, 20.1759



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.



55.0586, 56.1636, 46.9693



77.7201, 78.6759, 62.0109



60.3216, 66.6896, 48.7236



12.9312, 13.4366, 13.0727



20.0453, 15.2079, 1.8789



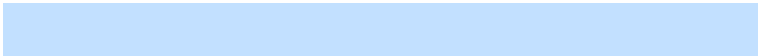
1.2918, 1.0828, 0.1409

Inverse Universe

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



48.6994, 52.3108, 72.4964



67.0085, 72.1862, 105.0093



44.1612, 43.2344, 70.9836



12.2504, 13.0241, 15.8058



10.6171, 9.4960, 39.7265



0.7232, 0.7383, 2.4237

Previews

White Background



This preview shows how the XYZ color 55.0571, 56.1611, 46.9681 looks on a white background.

Color Contrast Check

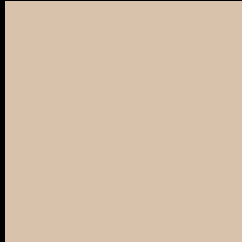
Large Text (above 18pt) WCAG AA × Fail

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 55.0571, 56.1611, 46.9681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

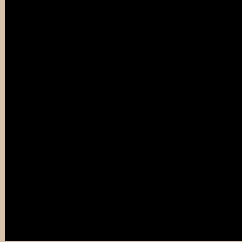
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0571, 56.1611, 46.9681

Background



This preview shows how black text looks on a background with the XYZ color 55.0571, 56.1611, 46.9681.



This preview shows how white text looks on a background with the XYZ color 55.0571, 56.1611,

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

55.0571, 56.1611, 46.9681

Protanopia

53.3384, 56.2539, 48.0913

Deuteranopia

57.3203, 56.0128, 47.3256



Tritanopia

58.6119, 55.9705, 64.8409

Trichromacy



Original Color

55.0571, 56.1611, 46.9681

Protanomaly

53.8611, 56.1986, 47.5438

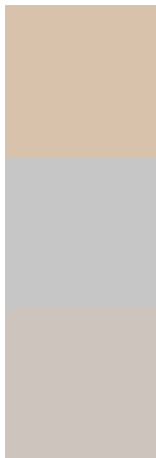
Deuteranomaly

56.2978, 55.8083, 47.3400

Tritanomaly

57.3586, 56.1274, 57.6797

Monochromacy



Original Color

55.0571, 56.1611, 46.9681

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.3284, 56.5858, 56.2028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0571, 56.1611, 46.9681 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(216, 194, 172)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 194, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 194, 172) }
```

Border

The CSS property to change the border of an element to XYZ 55.0571, 56.1611, 46.9681 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(216, 194, 172) }
```


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

```
.border{ border-color:rgb(216, 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(216, 194, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 194, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 194, 172); box-shadow:4px 4px 4px 4px rgb(216, 194, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0571, 56.1611, 46.9681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 194, 172) }
```

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

```
.background{ background-color: rgb(216,  
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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