

Converting Colors

XYZ(55.8488, 60.0328, 46.3478)

Have a look what the booklet for
XYZ(55.8488, 60.0328, 46.3478)
contains.

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Color

**XYZ(55.9057, 60.0474,
46.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CCA9
RGB	212, 204, 169
RGB Percent	83%, 80%, 66%
CMY	0.1686, 0.2000, 0.3372
CMYK	0.00, 0.04, 0.20, 0.17
HSL	49°, 33%, 75%
HSV	49°, 20%, 83%
XYZ	55.9057, 60.0474, 46.1799
YIQ	202.4020, 16.0030, -9.1890

Conversions

Conversions Part 2

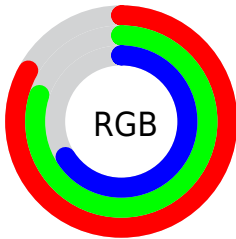
Format	Color
RYB	179, 212, 169
Decimal	13946025
CIELab	81.86, -2.90, 18.46
CIElCh	82, 18.691, 98.914
Yxy	60.0474, 0.3448, 0.3704
Android (android.graphics.Color)	4292136105 (0xFFD4CCA9)
YUV	202.4020, -16.4672, 8.4174
Hunter-Lab	77.4903, -6.8283, 18.9096

Details

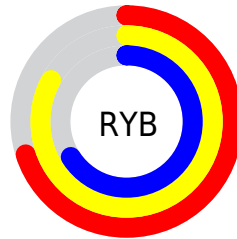
The XYZ color **55.9057, 60.0474, 46.1799** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.9678, 44.6317, 68.5851**, and the grayscale version is **56.4842, 59.4258, 64.7147**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **28.0219, 30.2651, 21.1945** is the 20% darker color. If you saturate the color by 10%, you get **53.1501, 57.4670, 36.2257**, and if you desaturate by 10%, it is **59.0109, 62.8097, 57.8442**.

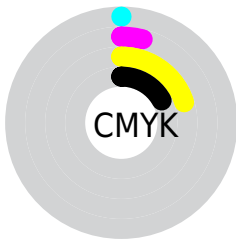
Distribution



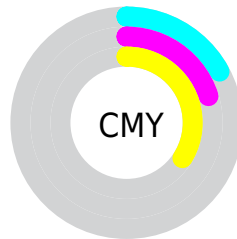
- Red (83%)
- Green (80%)
- Blue (66%)



- Red (70%)
- Yellow (83%)
- Blue (66%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9057, 60.0474, 46.1799 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 55.9057, 60.0474, 46.1799 by changing the saturation by 10% instead.

■ 55.9057, 60.0474,
46.1799

■ 55.9057, 60.0474,
46.1799

399.4168,
424.7725, 387.8300

■ 40.3640, 43.4568,
32.0381

■ 98.0073, 104.8984,
85.8253

■ 28.0080, 30.2437,
21.1256

125.2979,
133.9277, 112.1660

■ 18.4721, 20.0237,
13.0237

157.2356,
167.8720, 143.4100

■ 11.3912, 12.4122,
7.3139

194.1856,
207.1156, 179.9760

■ 6.3998, 7.0251,
3.5778

236.5134,
252.0432, 222.2825

■ 3.1327, 3.4778,
1.3967

284.5843,

■ 1.2243, 1.3860,

303.0389, 270.7479

0.1391

338.7637,
360.4872, 325.7909

■ 0.1254, 0.2064,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9057, 60.0474,
46.1799

■ 55.9057, 60.0474,
46.1799

■ 53.1501, 57.4670,
36.2257

■ 59.0109, 62.8097,
57.8442

■ 50.7238, 55.0538,
27.8958

■ 62.4757, 65.7521,
71.2911

■ 48.6112, 52.8036,
21.1031

■ 66.3153, 68.8828,
86.5935

■ 46.7938, 50.7085,
15.7504

■ 70.5429, 72.2075,
103.8192

■ 45.2508, 48.7601,
11.7295

■ 71.7806, 74.3753,
105.1804

■ 43.9587, 46.9486,
8.9170

■ 72.8506, 76.5153,
105.5370

■ 42.8895, 45.2624,
7.1662

■ 73.9453, 78.7047,
105.9019

■ 42.0150, 43.7241,
6.2252

■ 75.0649, 80.9438,
106.2751

■ 76.2095, 83.2330,
106.6566

Harmonies

Analogous

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



59.8463, 60.0474, 47.1320



55.9057, 60.0474, 46.1799



52.4391, 60.0474, 49.8910

Triad

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



55.9057, 60.0474, 46.1799



51.3715, 60.0474, 80.0013



64.4485, 60.0474, 73.5137

Complementary

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



55.9057, 60.0474, 46.1799



43.9678, 44.6317, 68.5851

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.



61.9727, 60.0474, 83.7860



55.9057, 60.0474, 46.1799



54.3872, 60.0474, 87.8213

Square

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



55.9057, 60.0474, 46.1799



49.9017, 60.0474, 68.8064



58.2569, 60.0474, 89.2809



64.9010, 60.0474, 62.0720

Rectangle

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



55.9057, 60.0474, 46.1799



50.8196, 60.0474, 54.7926



58.2569, 60.0474, 89.2809



63.8200, 60.0474, 77.2534

Sweetspot

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



55.9073, 60.0501, 46.1812



91.7828, 97.2518, 96.1386



49.3357, 45.5721, 48.1060



19.5718, 20.7532, 20.2935



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.



55.9073, 60.0501, 46.1812



83.1918, 89.6193, 63.8348



54.2852, 62.1078, 46.6638



13.2674, 14.1090, 13.1848



26.0065, 27.1302, 3.8660



1.6206, 1.7404, 0.2505

Inverse Universe

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



43.9678, 44.6317, 68.5851



62.1211, 62.4114, 103.3802



45.3401, 43.0632, 68.2100



11.9276, 12.3786, 15.6982



7.8467, 3.9551, 38.8030



0.5300, 0.3520, 2.3593

Previews

White Background



This preview shows how the XYZ color 55.9057, 60.0474, 46.1799 looks on a white background.

Color Contrast Check

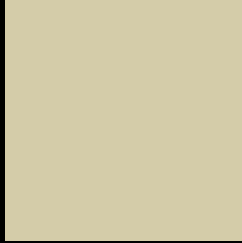
Large Text (above 18pt) WCAG AA × Fail

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 55.9057, 60.0474, 46.1799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

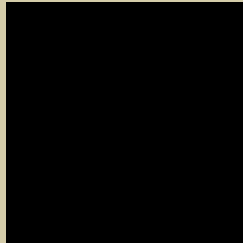
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

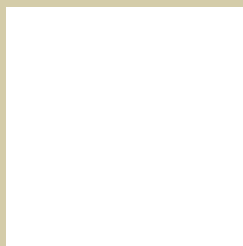
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9057, 60.0474, 46.1799

Background



This preview shows how black text looks on a background with the XYZ color 55.9057, 60.0474, 46.1799.



This preview shows how white text looks on a background with the XYZ color 55.9057, 60.0474,

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

55.9057, 60.0474, 46.1799

Protanopia

56.5417, 60.0235, 46.1417

Deuteranopia

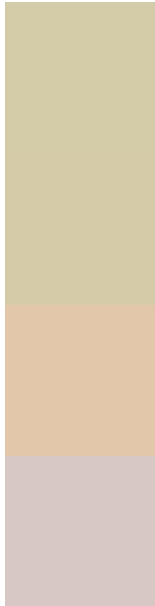
61.3516, 60.0823, 46.8915



Tritanopia

61.1178, 60.0977, 71.3296

Trichromacy



Original Color

55.9057, 60.0474, 46.1799

Protanomaly

56.2489, 59.8726, 46.1280

Deuteranomaly

59.3577, 60.0800, 46.4983

Tritanomaly

59.0512, 59.9387, 61.2803

Monochromacy



Original Color

55.9057, 60.0474, 46.1799

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1038, 59.5514, 57.2528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9057, 60.0474, 46.1799 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(212, 204, 169) looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 169)  
}
```

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(212, 204, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 169) }
```

Border

The CSS property to change the border of an element to XYZ 55.9057, 60.0474, 46.1799 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(212, 204, 169) }
```


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

```
.border{ border-color:rgb(212, 204, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 169);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9057, 60.0474, 46.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 169) }
```

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

```
.background{ background-color: rgb(212,  
204, 169) }
```

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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