

Converting Colors

XYZ(55.4095, 57.0191, 46.6135)

Have a look what the booklet for
XYZ(55.4095, 57.0191, 46.6135)
contains.

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Color

**XYZ(55.4095, 57.0191,
46.6135)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C4AB
RGB	216, 196, 171
RGB Percent	85%, 77%, 67%
CMY	0.1529, 0.2314, 0.3294
CMYK	0.00, 0.09, 0.21, 0.15
HSL	33°, 37%, 76%
HSV	33°, 21%, 85%
XYZ	55.4095, 57.0191, 46.6135
YIQ	199.1300, 19.9450, -3.5350

Conversions

Conversions Part 2

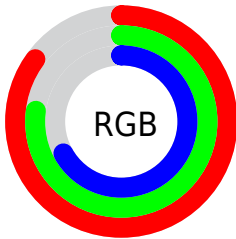
Format	Color
RYB	207, 216, 171
Decimal	14206123
CIELab	80.19, 3.07, 15.11
CIELCh	80, 15.420, 78.499
Yxy	57.0191, 0.3484, 0.3585
Android (android.graphics.Color)	4292396203 (0xFFD8C4AB)
YUV	199.1300, -13.8681, 14.7950
Hunter-Lab	75.5110, -1.1620, 16.2575

Details

The XYZ color **55.4095, 57.0191, 46.6135** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.8197, 50.8760, 72.2657**, and the grayscale version is **54.4406, 57.2758, 62.3733**.

A 20% lighter version of the original color is **90.0927, 97.0015, 85.9263**, and **27.7007, 28.2550, 21.4465** is the 20% darker color. If you saturate the color by 10%, you get **51.4209, 52.0716, 35.9428**, and if you desaturate by 10%, it is **59.8762, 62.3833, 59.1048**.

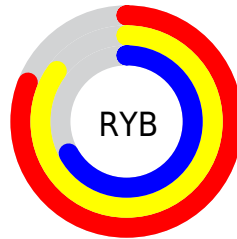
Distribution



Red (85%)

Green (77%)

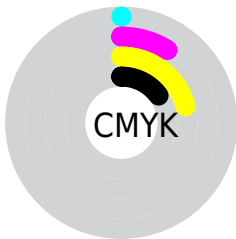
Blue (67%)



Red (81%)

Yellow (85%)

Blue (67%)

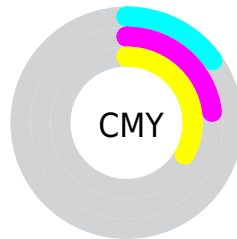


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (15%)



Cyan (15%)


Magenta (23%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4095, 57.0191, 46.6135 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 55.4095, 57.0191, 46.6135 by changing the saturation by 10% instead.


 55.4095, 57.0191,
46.6135

 55.4095, 57.0191,
46.6135


397.5735,
413.5209, 389.6187

 39.9648, 41.0206,
32.3781


 97.2855, 100.4931,
86.4803

 27.6952, 28.3352,
21.3832


124.4475,
128.7373, 112.9488

 18.2353, 18.5785,
13.2104


156.2461,
161.8322, 144.3321

 11.2198, 11.3661,
7.4412

193.0464,
200.1622, 181.0486

 6.2832, 6.3136,
3.6569

235.2140,
244.1117, 223.5170

 3.0603, 3.0367,
1.4391

283.1142,

 1.1858, 1.1509,

294.0650, 272.1558

0.1719

337.1122,
350.4066, 327.3835

■ 0.0951, 0.0211,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4095, 57.0191,
46.6135

■ 55.4095, 57.0191,
46.6135

■ 51.4209, 52.0716,
35.9428

■ 59.8762, 62.3833,
59.1048

■ 47.8869, 47.5215,
27.0023

■ 64.8341, 68.1677,
73.4940

■ 44.7886, 43.3590,
19.6992

■ 70.3014, 74.3854,
89.8585

■ 42.1041, 39.5709,
13.9304

■ 75.9049, 80.8908,
106.2206

■ 39.8087, 36.1429,
9.5810

■ 78.7180, 86.5171,
107.1583

■ 37.8750, 33.0592,
6.5196

■ 81.6816, 92.4441,
108.1462

■ 36.2702, 30.3022,
4.5898

■ 82.1290, 93.3390,
108.2953

■ 35.0382, 28.0373,
3.5650

Harmonies

Analogous

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



58.3013, 57.0191, 49.9964



55.4095, 57.0191, 46.6135



52.2989, 57.0191, 47.0670

Triad

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



55.4095, 57.0191, 46.6135



48.6605, 57.0191, 67.7426



58.8510, 57.0191, 74.2807

Complementary

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



55.4095, 57.0191, 46.6135



47.8197, 50.8760, 72.2657

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.



56.1363, 57.0191, 79.9974



55.4095, 57.0191, 46.6135



50.2861, 57.0191, 75.9782

Square

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



55.4095, 57.0191, 46.6135



48.4829, 57.0191, 58.6950



52.9983, 57.0191, 80.6470



60.3389, 57.0191, 65.6012

Rectangle

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



55.4095, 57.0191, 46.6135



50.5173, 57.0191, 49.4935



52.9983, 57.0191, 80.6470



58.0469, 57.0191, 76.6471

Sweetspot

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



55.4110, 57.0217, 46.6147



90.5530, 94.7923, 95.7287



52.3139, 47.4981, 55.8460



19.2808, 20.1711, 20.1964



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.



55.4110, 57.0217, 46.6147



78.0513, 79.7922, 60.7223



59.5656, 66.3109, 48.1887



12.9897, 13.5537, 13.0922



20.8482, 16.8137, 2.1465



1.3394, 1.1781, 0.1568

Inverse Universe

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



47.8197, 50.8760, 72.2657



65.0811, 69.2933, 104.5526



44.2472, 42.9973, 70.9332



12.1923, 12.9080, 15.7864



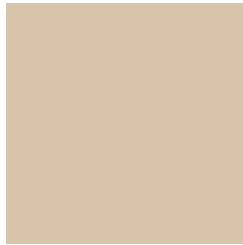
9.9150, 8.0918, 39.4925



0.6798, 0.6517, 2.4093

Previews

White Background



This preview shows how the XYZ color 55.4095, 57.0191, 46.6135 looks on a white background.

Color Contrast Check

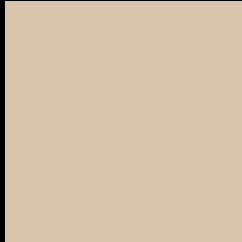
Large Text (above 18pt) WCAG AA × Fail

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 55.4095, 57.0191, 46.6135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

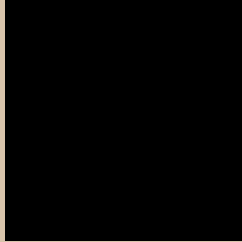
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4095, 57.0191, 46.6135

Background



This preview shows how black text looks on a background with the XYZ color 55.4095, 57.0191, 46.6135.



This preview shows how white text looks on a background with the XYZ color 55.4095, 57.0191,

46.6135.

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

55.4095, 57.0191, 46.6135

Protanopia

53.9350, 56.9220, 47.1741

Deuteranopia

58.2909, 57.1718, 46.9927



Tritanopia

59.2866, 56.9335, 66.2570

Trichromacy



Original Color

55.4095, 57.0191, 46.6135

Protanomaly

54.5640, 56.9081, 47.1383

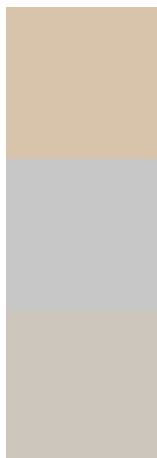
Deuteranomaly

57.2568, 56.9658, 47.0075

Tritanomaly

57.9090, 57.0503, 58.4117

Monochromacy



Original Color

55.4095, 57.0191, 46.6135

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.5562, 57.0414, 56.2788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4095, 57.0191, 46.6135 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, 196, 171)` looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 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(216, 196, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 171) }
```

Border

The CSS property to change the border of an element to XYZ 55.4095, 57.0191, 46.6135 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, 196, 171) }
```


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

```
.border{ border-color:rgb(216, 196, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 196, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 196, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 196, 171);  
box-shadow:4px 4px 4px 4px rgb(216, 196,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4095, 57.0191, 46.6135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 196, 171) }
```

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

```
.background{ background-color: rgb(216,  
196, 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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