

Converting Colors

XYZ(56.7119, 60.8091, 41.6186)

Have a look what the booklet for
XYZ(56.7119, 60.8091, 41.6186)
contains.

XYZ(56.7046, 60.9176, 41.5705)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.7046, 60.9176,
41.5705)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CD9F
RGB	217, 205, 159
RGB Percent	85%, 80%, 62%
CMY	0.1490, 0.1961, 0.3765
CMYK	0.00, 0.06, 0.27, 0.15
HSL	48°, 43%, 74%
HSV	48°, 27%, 85%
XYZ	56.7046, 60.9176, 41.5705
YIQ	203.3440, 21.9180, -11.7620

Conversions

Conversions Part 2

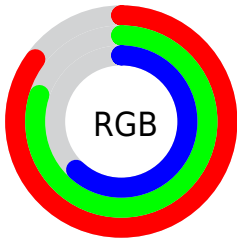
Format	Color
RYB	174, 217, 159
Decimal	14273951
CIELab	82.33, -2.94, 24.45
CIELCh	82, 24.628, 96.852
Yxy	60.9176, 0.3562, 0.3827
Android (android.graphics.Color)	4292464031 (0xFFD9CD9F)
YUV	203.3440, -21.8616, 11.9763
Hunter-Lab	78.0497, -6.9034, 23.0560

Details

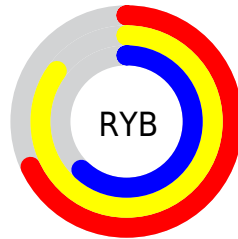
The XYZ color **56.7046, 60.9176, 41.5705** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.3851, 41.5053, 71.4759**, and the grayscale version is **57.1059, 60.0798, 65.4269**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **28.4184, 30.7718, 18.3517** is the 20% darker color. If you saturate the color by 10%, you get **53.9268, 58.1154, 32.1557**, and if you desaturate by 10%, it is **59.8470, 63.9191, 52.7392**.

Distribution



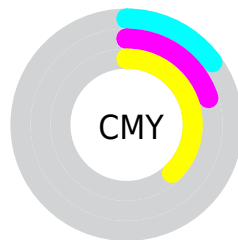
- Red (85%)
- Green (80%)
- Blue (62%)



- Red (68%)
- Yellow (85%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (15%)





- Cyan (15%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7046, 60.9176, 41.5705 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 56.7046, 60.9176, 41.5705 by changing the saturation by 10% instead.


 56.7046, 60.9176,
41.5705


 56.7046, 60.9176,
41.5705


402.3736,
427.9718, 368.4464

 41.0073, 44.1587,
28.4421


 99.1679, 106.1596,
78.8122

 28.5125, 30.7953,
18.4172


 126.6646,
135.4115, 103.7626

 18.8548, 20.4430,
11.0774

158.8252,
169.5965, 133.4908

 11.6688, 12.7175,
6.0041

196.0150,
209.0990, 168.4152

 6.5891, 7.2343,
2.7787

238.5994,
254.3034, 208.9544

 3.2505, 3.6091,
0.9828

286.9437,

 1.2876, 1.4574,

305.5940, 255.5270

0.0000

341.4133,
363.3554, 308.5515

■ 0.1739, 0.2584,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7046, 60.9176,
41.5705

■ 56.7046, 60.9176,
41.5705

■ 53.9268, 58.1154,
32.1557

■ 59.8470, 63.9191,
52.7392

■ 51.4913, 55.4969,
24.3999

■ 63.3655, 67.1187,
65.7424

■ 49.3806, 53.0567,
18.2049

■ 67.2769, 70.5255,
80.6604

■ 47.5735, 50.7861,
13.4607

■ 71.5956, 74.1456,
97.5675

■ 46.0462, 48.6749,
10.0430

■ 74.2561, 77.1534,
105.5861

■ 44.7708, 46.7117,
7.8062

■ 75.5029, 79.6468,
106.0017

■ 43.7115, 44.8817,
6.5631

■ 76.7819, 82.2048,
106.4280

■ 43.3912, 44.3035,
6.2645

■ 78.0933, 84.8277,
106.8652

■ 79.4375, 87.5161,
107.3132

Harmonies

Analogous

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



61.9592, 60.9176, 43.1430



56.7046, 60.9176, 41.5705



52.0558, 60.9176, 45.7839

Triad

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



56.7046, 60.9176, 41.5705



50.1939, 60.9176, 85.2186



67.6852, 60.9176, 78.3529

Complementary

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



56.7046, 60.9176, 41.5705



41.3851, 41.5053, 71.4759

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.



64.1668, 60.9176, 92.2509



56.7046, 60.9176, 41.5705



54.0227, 60.9176, 96.6146

Square

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



56.7046, 60.9176, 41.5705



48.4467, 60.9176, 69.8374



59.1128, 60.9176, 99.3652



68.5102, 60.9176, 62.9399

Rectangle

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



56.7046, 60.9176, 41.5705



49.8545, 60.9176, 51.7457



59.1128, 60.9176, 99.3652



66.7683, 60.9176, 83.4229

Sweetspot

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



56.7062, 60.9204, 41.5718



90.6065, 96.0927, 92.0669



48.4188, 42.5106, 44.4660



19.2235, 20.4152, 19.0717



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.



56.7062, 60.9204, 41.5718



79.4324, 85.5142, 52.0578



55.0423, 64.4867, 42.3479



13.9217, 14.7827, 13.8452



26.3447, 26.9749, 3.8182



1.7655, 1.8651, 0.2669

Inverse Universe

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



41.3851, 41.5053, 71.4759



53.8454, 53.0963, 102.0184



42.6998, 38.9710, 70.9174



12.5558, 13.0513, 16.5095



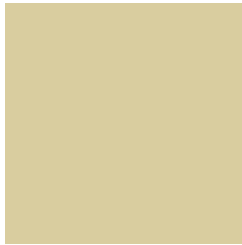
8.2083, 4.2860, 40.1331



0.5942, 0.4025, 2.6208

Previews

White Background



This preview shows how the XYZ color 56.7046, 60.9176, 41.5705 looks on a white background.

Color Contrast Check

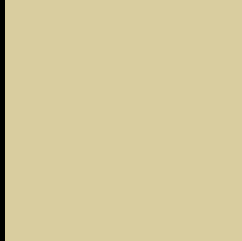
Large Text (above 18pt) WCAG AA × Fail

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 56.7046, 60.9176, 41.5705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

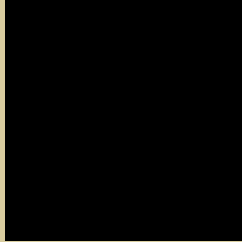
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

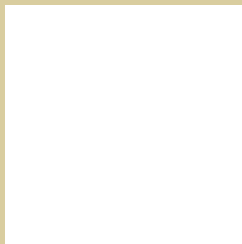
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7046, 60.9176, 41.5705

Background



This preview shows how black text looks on a background with the XYZ color 56.7046, 60.9176, 41.5705.

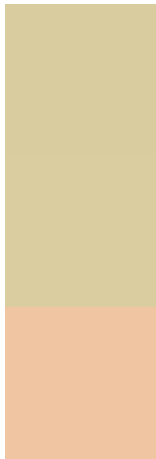


This preview shows how white text looks on a background with the XYZ color 56.7046, 60.9176,

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

56.7046, 60.9176, 41.5705

Protanopia

57.0028, 61.0713, 41.5845

Deuteranopia

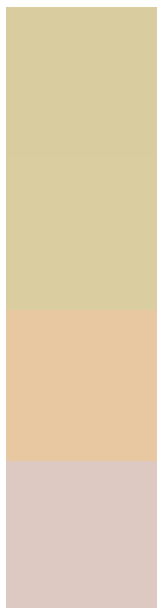
62.3345, 61.0310, 42.2130



Tritanopia

62.9448, 61.0396, 71.4151

Trichromacy



Original Color

56.7046, 60.9176, 41.5705

Protanomaly

57.0028, 61.0713, 41.5845

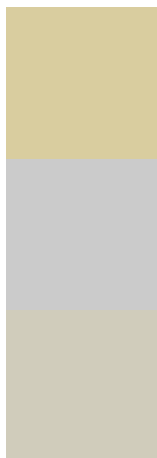
Deuteranomaly

60.2782, 61.0024, 41.8554

Tritanomaly

60.3311, 60.9957, 59.0456

Monochromacy



Original Color

56.7046, 60.9176, 41.5705

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.5749, 60.1835, 55.6485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7046, 60.9176, 41.5705 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(217, 205, 159)` looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 159)  
}
```

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(217, 205, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 159) }
```

Border

The CSS property to change the border of an element to XYZ 56.7046, 60.9176, 41.5705 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(217, 205, 159) }
```


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

```
.border{ border-color:rgb(217, 205, 159) }
```

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

Here you see how a box with a 4 pixel rgb(217, 205, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 205, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 205, 159);  
box-shadow:4px 4px 4px 4px rgb(217, 205,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7046, 60.9176, 41.5705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 159) }
```

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

```
.background{ background-color: rgb(217,  
205, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor