

Converting Colors

XYZ(56.2792, 61.8274, 35.3695)

Have a look what the booklet for
XYZ(56.2792, 61.8274, 35.3695)
contains.

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Color

**XYZ(56.2052, 61.8771,
35.3667)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D090
RGB	217, 208, 144
RGB Percent	85%, 82%, 56%
CMY	0.1490, 0.1843, 0.4353
CMYK	0.00, 0.04, 0.34, 0.15
HSL	53°, 49%, 71%
HSV	53°, 34%, 85%
XYZ	56.2052, 61.8771, 35.3667
YIQ	203.3950, 25.9080, -17.9960

Conversions

Conversions Part 2

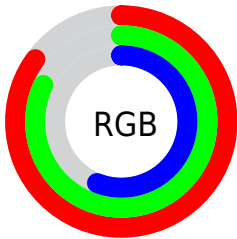
Format	Color
RYB	154, 217, 144
Decimal	14274704
CIELab	82.85, -6.39, 32.95
CIELCh	83, 33.561, 100.978
Yxy	61.8771, 0.3663, 0.4032
Android (android.graphics.Color)	4292464784 (0xFFD9D090)
YUV	203.3950, -29.2817, 11.9316
Hunter-Lab	78.6620, -10.1175, 28.4064

Details

The XYZ color **56.2052, 61.8771, 35.3667** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.4170, 33.7206, 70.2878**, and the grayscale version is **57.1815, 60.1594, 65.5136**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **28.2293, 31.4786, 14.9441** is the 20% darker color. If you saturate the color by 10%, you get **54.0577, 59.9860, 27.2399**, and if you desaturate by 10%, it is **58.6856, 63.9234, 45.1787**.

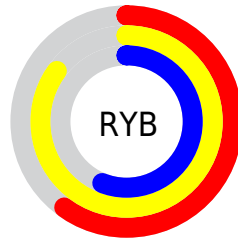
Distribution



Red (85%)

Green (82%)

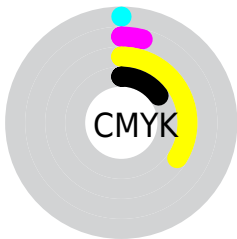
Blue (56%)



Red (60%)

Yellow (85%)

Blue (56%)

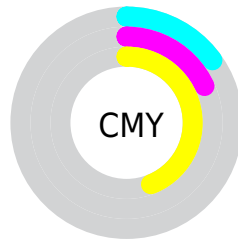


Cyan (0%)

Magenta (4%)

Yellow (34%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2052, 61.8771, 35.3667 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 56.2052, 61.8771, 35.3667 by changing the saturation by 10% instead.

■ 56.2052, 61.8771,
35.3667

■ 56.2052, 61.8771,
35.3667

400.5269,
431.4826, 341.1373

■ 40.6051, 44.9334,
23.6597

■ 98.4426, 107.5479,
69.2115

■ 28.1970, 31.4050,
14.8715

■ 125.8106,
137.0438, 92.1863

■ 18.6154, 20.9074,
8.5836

157.8320,
171.4925, 119.7541

■ 11.4951, 13.0563,
4.3775

194.8721,
211.2785, 152.3335

■ 6.4706, 7.4674,
1.8347

237.2963,
256.7861, 190.3429

■ 3.1766, 3.7561,
0.4507

285.4699,

■ 1.2479, 1.5381,

308.3997, 234.2010

0.0000

339.7583,
366.5038, 284.3263

■ 0.1437, 0.3153,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2052, 61.8771,
35.3667

■ 56.2052, 61.8771,
35.3667

■ 54.0577, 59.9860,
27.2399

■ 58.6856, 63.9234,
45.1787

■ 52.2201, 58.2341,
20.6979


■ 61.5113, 66.1232,
56.7608


■ 50.6737, 56.6161,
15.6357


■ 64.6994, 68.4858,
70.1970


■ 49.3957, 55.1229,
11.9337


■ 68.2647, 71.0171,
85.5646


 48.3600, 53.7437,
9.4542


 72.2211, 73.7228,
102.9367


 47.5348, 52.4659,
8.0300

 73.3339, 75.3090,
105.2787

 47.0857, 51.6924,
7.4960

 74.0584, 76.7580,
105.5202

 74.7943, 78.2296,
105.7655

 75.5415, 79.7241,
106.0146

Harmonies

Analogous

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



63.4593, 61.8771, 36.3154



56.2052, 61.8771, 35.3667



50.1612, 61.8771, 41.5705

Triad

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



56.2052, 61.8771, 35.3667



48.9316, 61.8771, 96.9906



72.9540, 61.8771, 81.1968

Complementary

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



56.2052, 61.8771, 35.3667



35.4170, 33.7206, 70.2878

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.



68.4050, 61.8771, 102.1116



56.2052, 61.8771, 35.3667



54.3979, 61.8771, 112.4427

Square

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



56.2052, 61.8771, 35.3667



46.1967, 61.8771, 75.2412



61.4989, 61.8771, 114.4881



73.5380, 61.8771, 60.0746

Rectangle

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



56.2052, 61.8771, 35.3667



47.4774, 61.8771, 49.8499



61.4989, 61.8771, 114.4881



71.8214, 61.8771, 88.5870

Sweetspot

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



56.2068, 61.8799, 35.3680



90.2186, 96.4768, 88.3621



44.3996, 37.0232, 35.2624



19.1745, 20.5482, 18.3433



0.0000, 0.0000, 0.0000



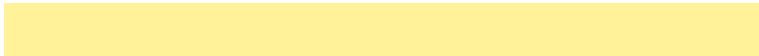
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.2068, 61.8799, 35.3680



78.8707, 87.3217, 42.8348



51.1408, 62.6168, 35.7772



14.0182, 14.9757, 13.8773



28.5560, 31.3976, 4.5553



1.8893, 2.1126, 0.3082

Inverse Universe

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



35.4170, 33.7206, 70.2878



44.7447, 41.1079, 100.1841



39.2421, 33.5888, 70.0607



12.4673, 12.8744, 16.4800



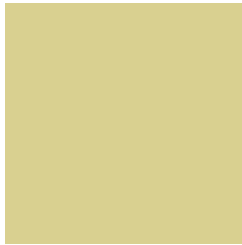
7.8565, 3.5825, 40.0158



0.5526, 0.3192, 2.6069

Previews

White Background



This preview shows how the XYZ color 56.2052, 61.8771, 35.3667 looks on a white background.

Color Contrast Check

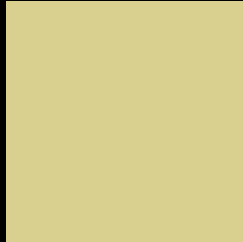
Large Text (above 18pt) WCAG AA × Fail

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 56.2052, 61.8771, 35.3667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

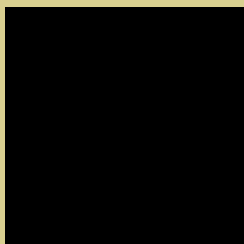
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

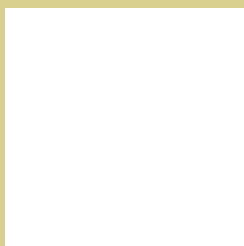
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2052, 61.8771, 35.3667

Background



This preview shows how black text looks on a background with the XYZ color 56.2052, 61.8771, 35.3667.



This preview shows how white text looks on a background with the XYZ color 56.2052, 61.8771,

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

56.2052, 61.8771, 35.3667

Protanopia

57.4607, 61.8138, 34.8893

Deuteranopia

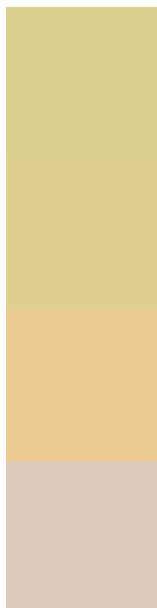
62.8107, 61.4203, 35.7389



Tritanopia

63.7405, 61.7607, 72.8515

Trichromacy



Original Color

56.2052, 61.8771, 35.3667

Protanomaly

57.0895, 61.9810, 34.9412

Deuteranomaly

60.2584, 61.4798, 35.4789

Tritanomaly

60.4300, 61.4448, 56.8191

Monochromacy



Original Color

56.2052, 61.8771, 35.3667

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.2872, 60.4499, 52.9573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2052, 61.8771, 35.3667 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, 208, 144)` looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 144)  
}
```

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, 208, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 144) }
```

Border

The CSS property to change the border of an element to XYZ 56.2052, 61.8771, 35.3667 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, 208, 144) }
```


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

```
.border{ border-color:rgb(217, 208, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 208, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 208, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 208, 144); box-shadow:4px 4px 4px 4px rgb(217, 208, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2052, 61.8771, 35.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 208, 144) }
```

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

```
.background{ background-color: rgb(217,  
208, 144) }
```

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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