

Converting Colors

XYZ(56.8678, 61.5962, 46.5861)

Have a look what the booklet for
XYZ(56.8678, 61.5962, 46.5861)
contains.

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Color

**XYZ(56.9148, 61.6364,
46.4334)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CFA9
RGB	213, 207, 169
RGB Percent	84%, 81%, 66%
CMY	0.1647, 0.1882, 0.3372
CMYK	0.00, 0.03, 0.21, 0.16
HSL	52°, 34%, 75%
HSV	52°, 21%, 84%
XYZ	56.9148, 61.6364, 46.4334
YIQ	204.4620, 15.7740, -10.5460

Conversions

Conversions Part 2

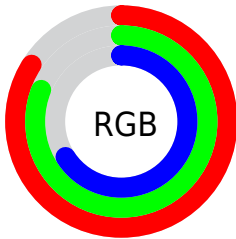
Format	Color
R _{YB}	176, 213, 169
Decimal	14012329
CIE Lab	82.72, -4.08, 19.67
CIE LCh	83, 20.084, 101.719
Yxy	61.6364, 0.3450, 0.3736
Android (android.graphics.Color)	4292202409 (0xFFD5CFA9)
YUV	204.4620, -17.4828, 7.4878
Hunter-Lab	78.5089, -7.9874, 19.8896

Details

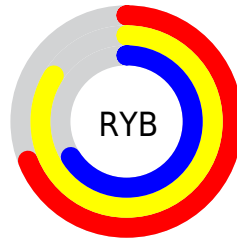
The XYZ color **56.9148, 61.6364, 46.4334** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.7021, 43.8979, 69.1208**, and the grayscale version is **57.7885, 60.7980, 66.2091**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **28.7027, 31.3359, 21.3653** is the 20% darker color. If you saturate the color by 10%, you get **54.3798, 59.5098, 36.5138**, and if you desaturate by 10%, it is **59.7917, 63.9247, 58.0756**.

Distribution



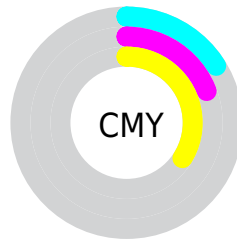
- Red (84%)
- Green (81%)
- Blue (66%)



- Red (69%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (16%)





- Cyan (16%)
- Magenta (19%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9148, 61.6364, 46.4334 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 56.9148, 61.6364, 46.4334 by changing the saturation by 10% instead.


 56.9148, 61.6364,
46.4334

 56.9148, 61.6364,
46.4334

403.1493,
430.6036, 388.8764

 41.1767, 44.7390,
32.2368


 99.4729, 107.1999,
86.2084

 28.6455, 31.2519,
21.2761


127.0237,
136.6347, 112.6238

 18.9557, 20.7907,
13.1328


159.2427,
171.0174, 143.9493

 11.7421, 12.9711,
7.3883

196.4954,
210.7324, 180.6034

 6.6393, 7.4087,
3.6240

239.1470,
256.1642, 223.0046

 3.2819, 3.7190,
1.4214

287.5630,

 1.3045, 1.5176,

307.6970, 271.5715

0.1583

342.1086,
365.7153, 326.7226

■ 0.1866, 0.3011,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9148, 61.6364,
46.4334

■ 56.9148, 61.6364,
46.4334

■ 54.3798, 59.5098,
36.5138

■ 59.7917, 63.9247,
58.0756

■ 52.1661, 57.5302,
28.2298

■ 63.0206, 66.3724,
71.5139

■ 50.2582, 55.6933,
21.4930

■ 66.6167, 68.9880,
86.8222

■ 48.6373, 53.9916,
16.2048

■ 70.5933, 71.7767,
104.0691

■ 47.2825, 52.4166,
12.2553

■ 71.4836, 73.3520,
104.9985

■ 46.1698, 50.9585,
9.5189

■ 72.2588, 74.9025,
105.2569

■ 45.2709, 49.6059,
7.8461

■ 73.0474, 76.4797,
105.5198

■ 44.5768, 48.4185,
6.9963

■ 73.8494, 78.0837,
105.7871

■ 74.6648, 79.7145,
106.0589

Harmonies

Analogous

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



61.2244, 61.6364, 46.9862



56.9148, 61.6364, 46.4334



53.2347, 61.6364, 50.8944

Triad

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



56.9148, 61.6364, 46.4334



52.6072, 61.6364, 84.1956



66.8186, 61.6364, 74.8432

Complementary

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



56.9148, 61.6364, 46.4334



43.7021, 43.8979, 69.1208

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.



64.2792, 61.6364, 86.4525



56.9148, 61.6364, 46.4334



56.0197, 61.6364, 92.2920

Square

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



56.9148, 61.6364, 46.4334



50.8306, 61.6364, 72.0534



60.2846, 61.6364, 93.1652



67.0873, 61.6364, 62.4010

Rectangle

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



56.9148, 61.6364, 46.4334



51.5777, 61.6364, 56.4728



60.2846, 61.6364, 93.1652



66.1966, 61.6364, 79.0090

Sweetspot

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



56.9164, 61.6391, 46.4347



92.0222, 97.7306, 96.2184



49.4260, 45.6416, 47.0726



19.6286, 20.8667, 20.3124



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.



56.9164, 61.6391, 46.4347



83.7229, 91.1354, 62.6128



54.1395, 62.4049, 46.7289



13.3219, 14.2179, 13.2029



27.2848, 29.6868, 4.2921



1.6865, 1.8721, 0.2725

Inverse Universe

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



43.7021, 43.8979, 69.1208



60.2382, 59.6077, 102.9383



46.0620, 43.4207, 68.9043



11.8777, 12.2788, 15.6815



7.6483, 3.5585, 38.7369



0.5066, 0.3052, 2.3515

Previews

White Background



This preview shows how the XYZ color 56.9148, 61.6364, 46.4334 looks on a white background.

Color Contrast Check

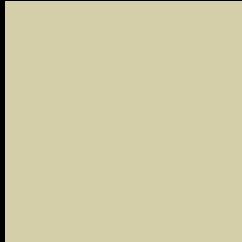
Large Text (above 18pt) WCAG AA × Fail

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 56.9148, 61.6364, 46.4334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

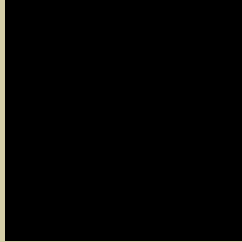
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

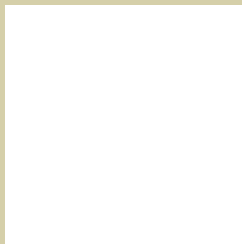
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9148, 61.6364, 46.4334

Background



This preview shows how black text looks on a background with the XYZ color 56.9148, 61.6364, 46.4334.



This preview shows how white text looks on a background with the XYZ color 56.9148, 61.6364,

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

56.9148, 61.6364, 46.4334

Protanopia

57.8126, 61.3952, 45.8492

Deuteranopia

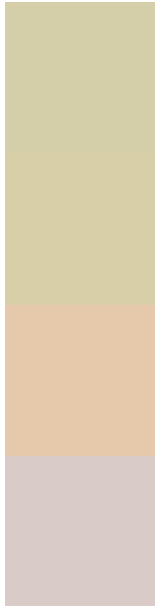
62.8047, 61.5056, 47.0897



Tritanopia

62.2624, 61.3265, 73.5214

Trichromacy



Original Color

56.9148, 61.6364, 46.4334

Protanomaly

57.4581, 61.5687, 45.9014

Deuteranomaly

60.4554, 61.3336, 46.6824

Tritanomaly

60.2800, 61.5871, 62.7432

Monochromacy



Original Color

56.9148, 61.6364, 46.4334

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9674, 60.6896, 58.0020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9148, 61.6364, 46.4334 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(213, 207, 169)` looks like.

```
.text, #text, p{  
    color:rgb(213, 207, 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(213, 207, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 207, 169) }
```

Border

The CSS property to change the border of an element to XYZ 56.9148, 61.6364, 46.4334 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(213, 207, 169) }
```


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

```
.border{ border-color:rgb(213, 207, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 207, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 207, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 207, 169);  
box-shadow:4px 4px 4px 4px rgb(213, 207,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9148, 61.6364, 46.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 207, 169) }
```

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

```
.background{ background-color: rgb(213,  
207, 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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