

Converting Colors

XYZ(56.9469, 59.4347, 50.5901)

Have a look what the booklet for
XYZ(56.9469, 59.4347, 50.5901)
contains.

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Color

**XYZ(56.9469, 59.4347,
50.5901)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D7C9B2 |
| RGB | 215, 201, 178 |
| RGB Percent | 84%, 79%, 70% |
| CMY | 0.1569, 0.2117, 0.3020 |
| CMYK | 0.00, 0.07, 0.17, 0.16 |
| HSL | 37°, 32%, 77% |
| HSV | 37°, 17%, 84% |
| XYZ | 56.9469, 59.4347, 50.5901 |
| YIQ | 202.5640, 15.7270, -4.1850 |

Conversions

Conversions Part 2

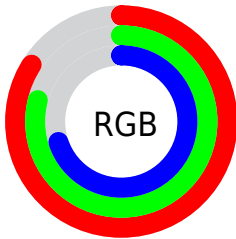
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 201, 215, 178 |
| Decimal | 14141874 |
| CIE Lab | 81.53, 1.13, 13.25 |
| CIE LCh | 82, 13.298, 85.134 |
| Yxy | 59.4347, 0.3411, 0.3560 |
| Android (android.graphics.Color) | 4292331954 (0xFFD7C9B2) |
| YUV | 202.5640, -12.1101, 10.9064 |
| Hunter-Lab | 77.0939, -3.0619, 15.0588 |

Details

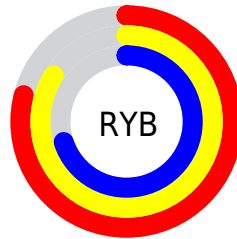
The XYZ color **56.9469, 59.4347, 50.5901** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4753, 52.0696, 71.7334**, and the grayscale version is **56.5593, 59.5048, 64.8007**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **28.6326, 29.8217, 23.6491** is the 20% darker color. If you saturate the color by 10%, you get **53.1097, 54.9481, 39.4825**, and if you desaturate by 10%, it is **61.2261, 64.2628, 63.5157**.

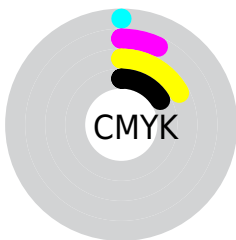
Distribution



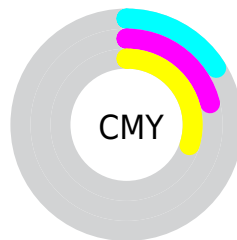
- Red (84%)
- Green (79%)
- Blue (70%)



- Red (79%)
- Yellow (84%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9469, 59.4347, 50.5901 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 56.9469, 59.4347, 50.5901 by changing the saturation by 10% instead.

 56.9469, 59.4347,
50.5901

 56.9469, 59.4347,
50.5901


403.2677,
422.5109, 405.7701

 41.2026, 42.9631,
35.5080


 99.5195, 104.0092,
92.4539

 28.6658, 29.8562,
23.7678


127.0785,
132.8809, 120.0727

 18.9711, 19.7295,
14.9509


159.3065,
166.6548, 152.7074

 11.7533, 12.1985,
8.6387

196.5687,
205.7153, 190.7768

 6.6469, 6.8790,
4.4127

239.2306,
250.4468, 234.6991

 3.2866, 3.3866,
1.8544

287.6575,

 1.3071, 1.3367,

301.2336, 284.8931

0.4635

342.2147,
358.4602, 341.7773

■ 0.1885, 0.1694,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9469, 59.4347,
50.5901

■ 56.9469, 59.4347,
50.5901

■ 53.1097, 54.9481,
39.4825

■ 61.2261, 64.2628,
63.5157

■ 49.6924, 50.7856,
30.1057

■ 65.9587, 69.4332,
78.3334

■ 46.6781, 46.9400,
22.3713

■ 71.1616, 74.9571,
95.1177

■ 44.0467, 43.4006,
16.1811

■ 75.3656, 80.2492,
106.1252

■ 41.7760, 40.1558,
11.4267

■ 77.7284, 84.9747,
106.9128

■ 39.8411, 37.1932,
7.9850

■ 80.1987, 89.9154,
107.7362

■ 38.2130, 34.4981,
5.7123

■ 81.8346, 93.1872,
108.2815

■ 36.8536, 32.0526,
4.4167

■ 36.5045, 31.4071,
4.1382

Harmonies

Analogous

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



59.6113, 59.4347, 52.9168



56.9469, 59.4347, 50.5901



54.2444, 59.4347, 51.7860

Triad

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



56.9469, 59.4347, 50.5901



51.7752, 59.4347, 71.4568



61.0046, 59.4347, 73.8940

Complementary

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



56.9469, 59.4347, 50.5901



49.4753, 52.0696, 71.7334

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.



58.7986, 59.4347, 79.6328



56.9469, 59.4347, 50.5901



53.4813, 59.4347, 78.1465

Square

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



56.9469, 59.4347, 50.5901



51.3159, 59.4347, 63.4205



56.0373, 59.4347, 81.2493



62.0026, 59.4347, 66.0255

Rectangle

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



56.9469, 59.4347, 50.5901



52.7759, 59.4347, 54.4762



56.0373, 59.4347, 81.2493



60.3763, 59.4347, 76.1609

Sweetspot

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



56.9485, 59.4373, 50.5914



91.5453, 96.1672, 97.9386



53.4802, 50.1026, 56.8286



19.4920, 20.4707, 20.6455



0.0000, 0.0000, 0.0000



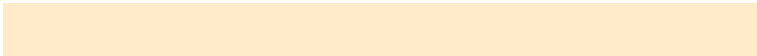
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9485, 59.4373, 50.5914



81.4707, 84.7683, 67.6042



59.1103, 65.6180, 51.6704



13.0599, 13.6939, 13.1156



21.9390, 18.9952, 2.5101



1.4018, 1.3029, 0.1776

Inverse Universe

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



49.4753, 52.0696, 71.7334



68.3019, 71.7866, 104.8640



47.5532, 46.7316, 70.8044



12.1237, 12.7709, 15.7636



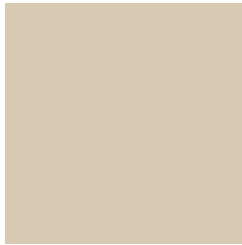
9.2054, 6.6725, 39.2559



0.6337, 0.5595, 2.3939

Previews

White Background



This preview shows how the XYZ color 56.9469, 59.4347, 50.5901 looks on a white background.

Color Contrast Check

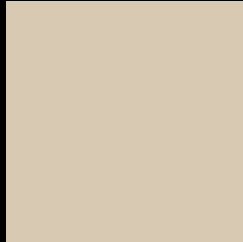
Large Text (above 18pt) WCAG AA × Fail

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 56.9469, 59.4347, 50.5901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

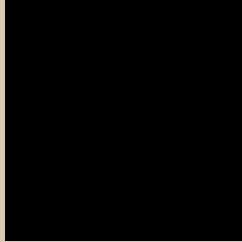
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9469, 59.4347, 50.5901

Background



This preview shows how black text looks on a background with the XYZ color 56.9469, 59.4347, 50.5901.

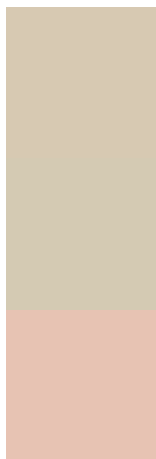


This preview shows how white text looks on a background with the XYZ color 56.9469, 59.4347,

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

56.9469, 59.4347, 50.5901

Protanopia

56.4086, 59.4928, 51.1580

Deuteranopia

60.6068, 59.2738, 50.8945



Tritanopia

60.8370, 59.2934, 70.5257

Trichromacy



Original Color

56.9469, 59.4347, 50.5901

Protanomaly

56.6978, 59.6419, 51.1716

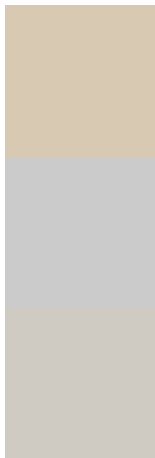
Deuteranomaly

59.1543, 59.1947, 50.9558

Tritanomaly

59.5329, 59.4637, 62.9835

Monochromacy



Original Color

56.9469, 59.4347, 50.5901

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.5903, 59.4015, 59.5219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9469, 59.4347, 50.5901 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(215, 201, 178)` looks like.

```
.text, #text, p{  
    color:rgb(215, 201, 178)  
}
```

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(215, 201, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 201, 178) }
```

Border

The CSS property to change the border of an element to XYZ 56.9469, 59.4347, 50.5901 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(215, 201, 178) }
```


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

```
.border{ border-color:rgb(215, 201, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 201, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 201, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 201, 178);  
box-shadow:4px 4px 4px 4px rgb(215, 201,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9469, 59.4347, 50.5901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 201, 178) }
```

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

```
.background{ background-color: rgb(215,  
201, 178) }
```

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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