

Converting Colors

XYZ(47.6705, 56.3075, 38.9254)

Have a look what the booklet for
XYZ(47.6705, 56.3075, 38.9254)
contains.

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Color

**XYZ(47.6716, 56.3100,
38.9282)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CD9A
RGB	185, 205, 154
RGB Percent	73%, 80%, 60%
CMY	0.2745, 0.1961, 0.3961
CMYK	0.10, 0.00, 0.25, 0.20
HSL	84°, 34%, 70%
HSV	84°, 25%, 80%
XYZ	47.6716, 56.3100, 38.9282
YIQ	193.2060, 4.4510, -20.1010

Conversions

Conversions Part 2

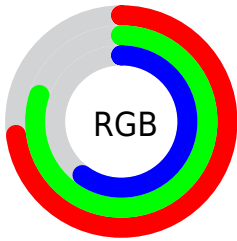
Format	Color
RYB	154, 205, 174
Decimal	12176794
CIELab	79.79, -15.63, 23.21
CIELCh	80, 27.977, 123.954
Yxy	56.3100, 0.3336, 0.3940
Android (android.graphics.Color)	4290366874 (0xFFB9CD9A)
YUV	193.2060, -19.3286, -7.1967
Hunter-Lab	75.0400, -17.9220, 21.7704

Details

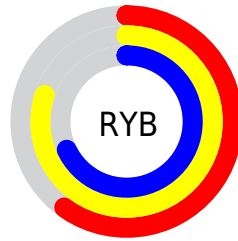
The XYZ color **47.6716, 56.3100, 38.9282** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.0329, 36.5192, 62.6996**, and the grayscale version is **50.9193, 53.5710, 58.3389**.

A 20% lighter version of the original color is **83.5443, 94.8242, 74.2213**, and **22.8749, 27.9378, 17.0189** is the 20% darker color. If you saturate the color by 10%, you get **44.2231, 54.7147, 30.6025**, and if you desaturate by 10%, it is **51.5244, 58.0835, 48.7972**.

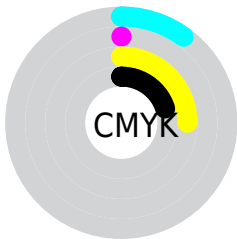
Distribution



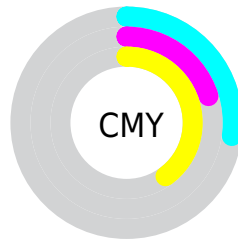
- Red (73%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (68%)



- Cyan (10%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)





- Cyan (27%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6716, 56.3100, 38.9282 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 47.6716, 56.3100, 38.9282 by changing the saturation by 10% instead.


 47.6716, 56.3100,
38.9282


 47.6716, 56.3100,
38.9282


368.0932,
410.8587, 357.0020

 33.7771, 40.4515,
26.3965


 85.9279, 99.4577,
74.7478

 22.8845, 27.8908,
16.8921


 111.0204,
127.5157, 98.8727

 14.6284, 18.2433,
9.9964


140.5762,
160.4090, 127.6990

 8.6436, 11.1248,
5.2910

174.9608,
198.5220, 161.6454

 4.5647, 6.1509,
2.3573

214.5394,
242.2390, 201.1304

 2.0263, 2.9370,
0.7630

259.6774,

 0.6487, 1.0989,

291.9446, 246.5724

0.0000

310.7403,
348.0230, 298.3901

■ 0.0000, 0.0000,
0.0000

■ 47.6716, 56.3100,
38.9282

■ 47.6716, 56.3100,
38.9282

■ 44.2231, 54.7147,
30.6025

■ 51.5244, 58.0835,
48.7972

■ 41.1580, 53.2833,
23.7385

■ 55.7925, 60.0341,
60.2786

■ 38.4596, 52.0109,
18.2524


■ 60.4922, 62.1704,
73.4414

■ 36.1084, 50.8894,
14.0504


■ 65.6372, 64.4981,
88.3497


■ 34.0824, 49.9097,
11.0272


■ 70.9975, 66.9253,
103.7837


 32.3564, 49.0617,
9.0607


 73.5667, 68.2498,
103.9039

 30.9001, 48.3329,
8.0022

 76.2556, 69.6360,
104.0297

 30.2313, 47.9947,
7.6706

 79.0657, 71.0847,
104.1612

 81.1225, 72.1450,
104.2575

Harmonies

Analogous

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



52.7743, 56.3100, 35.1852



47.6716, 56.3100, 38.9282



44.3294, 56.3100, 48.6230

Triad

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



47.6716, 56.3100, 38.9282



48.8845, 56.3100, 93.7821



65.1248, 56.3100, 59.1887

Complementary

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



47.6716, 56.3100, 38.9282



40.0329, 36.5192, 62.6996

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.



63.9026, 56.3100, 76.0364



47.6716, 56.3100, 38.9282



54.2746, 56.3100, 97.9448

Square

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



47.6716, 56.3100, 38.9282



44.9942, 56.3100, 80.4128



59.8302, 56.3100, 90.9590



63.0621, 56.3100, 45.5041

Rectangle

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



47.6716, 56.3100, 38.9282



43.4146, 56.3100, 58.0882



59.8302, 56.3100, 90.9590



65.0853, 56.3100, 64.6529

Sweetspot

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



47.6731, 56.3125, 38.9294



89.7790, 97.5994, 94.3424



46.0609, 45.4127, 36.9105



19.1227, 20.8475, 19.9384



0.0000, 0.0000, 0.0000



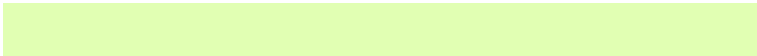
20.3446, 21.4041, 23.3091

Same Dimension

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



47.6731, 56.3125, 38.9294



74.8960, 90.7612, 55.9544



42.1530, 53.4668, 38.6711



11.7113, 12.8686, 11.9461



18.9285, 29.9333, 4.7801



1.0602, 1.5874, 0.2505

Inverse Universe

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



40.0329, 36.5192, 62.6996



60.2247, 52.7433, 101.6140



46.1436, 39.6694, 62.9856



11.0110, 11.0550, 14.1239



9.0407, 3.8682, 36.2264



0.5509, 0.2431, 1.8728

Previews

White Background



This preview shows how the XYZ color 47.6716, 56.3100, 38.9282 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 47.6716, 56.3100, 38.9282 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 47.6716, 56.3100, 38.9282

Background



This preview shows how black text looks on a background with the XYZ color 47.6716, 56.3100, 38.9282.



This preview shows how white text looks on a background with the XYZ color 47.6716, 56.3100,

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

47.6716, 56.3100, 38.9282

Protanopia

52.3352, 55.9834, 36.9017

Deuteranopia

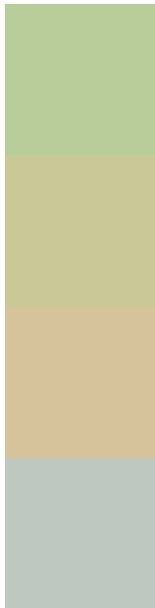
57.1324, 56.0842, 39.7124



Tritanopia

53.9688, 56.0741, 70.9297

Trichromacy



Original Color

47.6716, 56.3100, 38.9282

Protanomaly

50.5973, 56.0995, 37.4397

Deuteranomaly

53.2474, 55.7267, 39.4024

Tritanomaly

51.4039, 56.0615, 57.9808

Monochromacy



Original Color

47.6716, 56.3100, 38.9282

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.3381, 54.1343, 50.4964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6716, 56.3100, 38.9282 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(185, 205, 154)` looks like.

```
.text, #text, p{  
    color:rgb(185, 205, 154)  
}
```

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(185, 205, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 205, 154) }
```

Border

The CSS property to change the border of an element to XYZ 47.6716, 56.3100, 38.9282 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(185, 205, 154) }
```


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

```
.border{ border-color:rgb(185, 205, 154) }
```

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

Here you see how a box with a 4 pixel rgb(185, 205, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 205, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 205, 154);  
box-shadow:4px 4px 4px 4px rgb(185, 205,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6716, 56.3100, 38.9282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 205, 154) }
```

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

```
.background{ background-color: rgb(185,  
205, 154) }
```

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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