

Converting Colors

XYZ(47.0886, 45.9299, 56.2517)

Have a look what the booklet for
XYZ(47.0886, 45.9299, 56.2517)
contains.

XYZ(47.0925, 45.9350, 56.2535)	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(47.0925, 45.9350,
56.2535)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AFC0
RGB	194, 175, 192
RGB Percent	76%, 69%, 75%
CMY	0.2392, 0.3137, 0.2471
CMYK	0.00, 0.10, 0.01, 0.24
HSL	306°, 13%, 72%
HSV	306°, 10%, 76%
XYZ	47.0925, 45.9350, 56.2535
YIQ	182.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

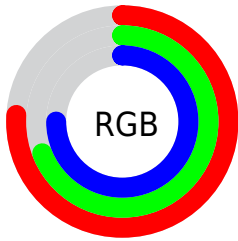
Format	Color
RYB	194, 175, 192
Decimal	12758976
CIELab	73.50, 9.86, -6.17
CIELCh	74, 11.626, 327.971
Yxy	45.9350, 0.3155, 0.3077
Android (android.graphics.Color)	4290949056 (0xFFC2AFC0)
YUV	182.6190, 4.6248, 9.9811
Hunter-Lab	67.7754, 5.4206, -1.7679

Details

The XYZ color **47.0925, 45.9350, 56.2535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9085, 50.8731, 49.0498**, and the grayscale version is **44.7755, 47.1073, 51.2998**.

A 20% lighter version of the original color is **85.3029, 84.4384, 100.6092**, and **22.5584, 21.6054, 27.4074** is the 20% darker color. If you saturate the color by 10%, you get **43.3604, 38.8297, 53.9011**, and if you desaturate by 10%, it is **51.3729, 54.1304, 58.8052**.

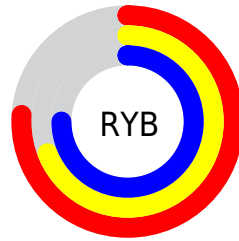
Distribution



Red (76%)

Green (69%)

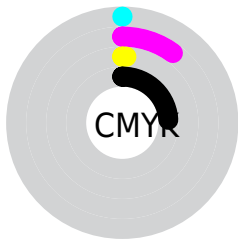
Blue (75%)



Red (76%)

Yellow (69%)

Blue (75%)

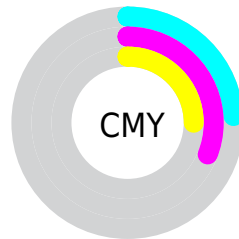


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0925, 45.9350, 56.2535 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 47.0925, 45.9350, 56.2535 by changing the saturation by 10% instead.

■ 47.0925, 45.9350,
56.2535

■ 47.0925, 45.9350,
56.2535

365.8264,
370.5473, 428.0613

■ 33.3170, 32.1945,
40.0008

■ 85.0696, 84.1217,
100.8646

■ 22.5298, 21.5101,
27.2254

110.0019,
109.3367, 130.0602

■ 14.3655, 13.4974,
17.5087

139.3839,
139.1454, 164.4071

■ 8.4587, 7.7719,
10.4320

173.5809,
173.9321, 204.3239

■ 4.4441, 3.9494,
5.5770

212.9583,
214.0813, 250.2292

■ 1.9563, 1.6453,
2.5250

257.8815,

■ 0.6092, 0.3878,

259.9773, 302.5415

0.8534

308.7157,
312.0045, 361.6793

■ 0.0000, 0.0000,
0.0000

■ 47.0925, 45.9350,
56.2535

■ 47.0925, 45.9350,
56.2535

■ 43.3604, 38.8297,
53.9011

■ 51.3729, 54.1304,
58.8052

■ 40.1495, 32.7626,
51.7374

■ 56.2192, 63.4533,
61.5606

■ 37.4365, 27.6863,
49.7550

■ 61.6532, 73.9465,
64.5274

■ 35.1946, 23.5474,
47.9450

■ 67.6944, 85.6490,
67.7124

■ 33.3948, 20.2875,
46.2976

■ 68.6944, 87.2639,
69.2327

■ 32.0045, 17.8418,
44.8018

■ 68.9382, 87.3614,
70.5167

■ 30.9869, 16.1364,
43.4454

■ 69.1853, 87.4602,
71.8177

■ 30.2982, 15.0841,
42.2137

■ 69.4356, 87.5603,
73.1356

■ 29.8557, 14.5194,
41.0791

■ 69.6891, 87.6617,
74.4707

Harmonies

Analogous

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



45.5375, 45.9350, 60.6786



47.0925, 45.9350, 56.2535



47.7246, 45.9350, 50.4166

Triad

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



47.0925, 45.9350, 56.2535



43.7997, 45.9350, 39.5471



40.2656, 45.9350, 55.5072

Complementary

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



47.0925, 45.9350, 56.2535



44.9085, 50.8731, 49.0498

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.



39.8327, 45.9350, 49.6163



47.0925, 45.9350, 56.2535



41.8345, 45.9350, 40.6809

Square

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



47.0925, 45.9350, 56.2535



45.7869, 45.9350, 41.0306



40.3982, 45.9350, 44.2564



41.5997, 45.9350, 60.2245

Rectangle

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



47.0925, 45.9350, 56.2535



47.5232, 45.9350, 46.6079



40.3982, 45.9350, 44.2564



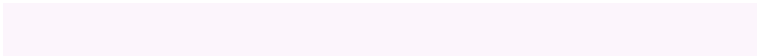
40.0118, 45.9350, 53.5851

Sweetspot

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



47.0938, 45.9370, 56.2545



90.4388, 93.0159, 104.9944



43.1782, 43.8926, 57.2360



19.6642, 20.0994, 22.9092



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.



47.0938, 45.9370, 56.2545



83.6104, 79.9609, 100.8631



46.0853, 45.5336, 50.9434



10.4501, 10.2287, 12.4609



19.6415, 9.5463, 27.0877



0.8620, 0.4178, 1.2409

Inverse Universe

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



47.0938, 45.9370, 56.2545



83.6104, 79.9609, 100.8631



45.8780, 51.2609, 54.1553



10.4501, 10.2287, 12.4609



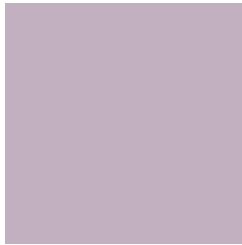
19.6415, 9.5463, 27.0877



0.8620, 0.4178, 1.2409

Previews

White Background



This preview shows how the XYZ color 47.0925, 45.9350, 56.2535 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 47.0925, 45.9350, 56.2535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

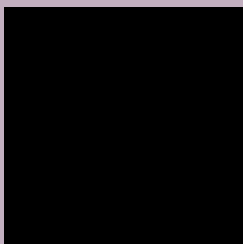
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

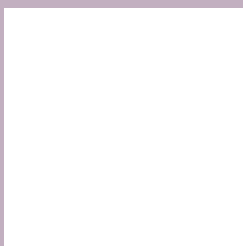
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0925, 45.9350, 56.2535

Background



This preview shows how black text looks on a background with the XYZ color 47.0925, 45.9350, 56.2535.



This preview shows how white text looks on a background with the XYZ color 47.0925, 45.9350,

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

47.0925, 45.9350, 56.2535

Protanopia

44.7928, 45.8836, 58.1253

Deuteranopia

46.8367, 45.8032, 56.2415



Tritanopia

46.7634, 45.8034, 54.5204

Trichromacy



Original Color

47.0925, 45.9350, 56.2535

Protanomaly

45.6656, 46.0501, 57.5207

Deuteranomaly

46.8367, 45.8032, 56.2415

Tritanomaly

46.8724, 45.8470, 55.0941

Monochromacy



Original Color

47.0925, 45.9350, 56.2535

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.6777, 46.7525, 53.0710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0925, 45.9350, 56.2535 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(194, 175, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 175, 192)  
}
```

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(194, 175, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 175, 192) }
```

Border

The CSS property to change the border of an element to XYZ 47.0925, 45.9350, 56.2535 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(194, 175, 192) }
```


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

```
.border{ border-color:rgb(194, 175, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 175, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 175, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 175, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 175,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0925, 45.9350, 56.2535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 175, 192) }
```

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

```
.background{ background-color: rgb(194,  
175, 192) }
```

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