

Converting Colors

XYZ(45.7692, 47.2432, 56.1438)

Have a look what the booklet for
XYZ(45.7692, 47.2432, 56.1438)
contains.

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Color

**XYZ(45.8991, 47.4078,
56.0217)**

Conversions

Conversions Part 1	
Format	Color
Hex	B8B6BF
RGB	184, 182, 191
RGB Percent	72%, 71%, 75%
CMY	0.2784, 0.2863, 0.2510
CMYK	0.04, 0.05, 0.00, 0.25
HSL	253°, 7%, 73%
HSV	253°, 5%, 75%
XYZ	45.8991, 47.4078, 56.0217
YIQ	183.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

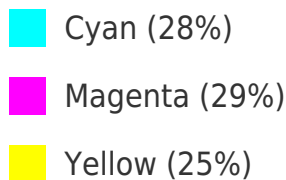
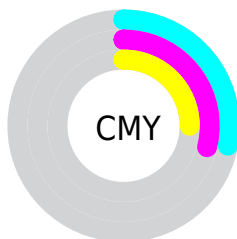
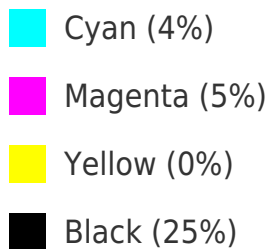
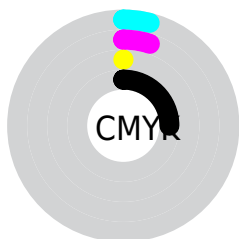
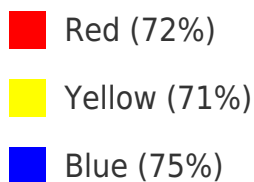
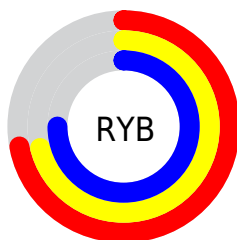
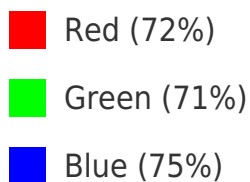
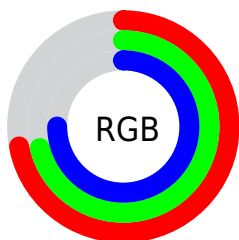
Format	Color
RYB	184, 182, 191
Decimal	12105407
CIELab	74.45, 2.41, -4.31
CIELCh	74, 4.939, 299.154
Yxy	47.4078, 0.3074, 0.3175
Android (android.graphics.Color)	4290295487 (0xFFB8B6BF)
YUV	183.6240, 3.6364, 0.3298
Hunter-Lab	68.8533, -1.5014, -0.0433

Details

The XYZ color **45.8991, 47.4078, 56.0217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0623, 51.4590, 51.6577**, and the grayscale version is **45.3350, 47.6960, 51.9409**.

A 20% lighter version of the original color is **83.2982, 86.3897, 100.2803**, and **21.7978, 22.3608, 27.2120** is the 20% darker color. If you saturate the color by 10%, you get **38.8769, 38.3727, 54.6486**, and if you desaturate by 10%, it is **53.8315, 57.7068, 57.5922**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8991, 47.4078, 56.0217 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 45.8991, 47.4078, 56.0217 by changing the saturation by 10% instead.


 45.8991, 47.4078,
56.0217

 45.8991, 47.4078,
56.0217


361.1256,
376.4400, 427.1639

 32.3705, 33.3582,
39.8162


 83.2968, 86.3220,
100.5224

 21.8016, 22.4010,
27.0826


107.8965,
111.9554, 129.6547

 13.8269, 14.1518,
17.4023


136.9174,
142.2188, 163.9330

 8.0813, 8.2263,
10.3567

170.7247,
177.4966, 203.7759

 4.1993, 4.2401,
5.5274

209.6838,
218.1732, 249.6019

 1.8155, 1.8088,
2.4958


254.1601,


 0.5270, 0.4926,


264.6331, 301.8295


0.8379


304.5189,
317.2605, 360.8774


 0.0000, 0.0000,
0.0000


 45.8991, 47.4078,
56.0217


 45.8991, 47.4078,
56.0217

 38.8769, 38.3727,
54.6486


 53.8315, 57.7068,
57.5922


 32.7278, 30.5465,
53.4621


 62.7013, 69.3097,
59.3643


 27.4183, 23.8794,
52.4550

 72.5395, 82.2624,
61.3459

 22.9110, 18.3153,
51.6186

 82.2787, 94.4149,
63.1783

 19.1656, 13.7938,
50.9433

 86.4041, 96.5416,
63.3714

■ 16.1383, 10.2485,
50.4185

■ 13.7803, 7.6051,
50.0326

■ 12.0365, 5.7784,
49.7719

■ 10.8421, 4.6658,
49.6201

Harmonies

Analogous

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



45.0344, 47.4078, 56.6799



45.8991, 47.4078, 56.0217



46.5460, 47.4078, 54.1748

Triad

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



45.8991, 47.4078, 56.0217



45.9435, 47.4078, 47.5218



43.3690, 47.4078, 51.5466

Complementary

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



45.8991, 47.4078, 56.0217



48.0623, 51.4590, 51.6577

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.



43.6054, 47.4078, 49.1450



45.8991, 47.4078, 56.0217



45.0850, 47.4078, 46.8688

Square

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



45.8991, 47.4078, 56.0217



46.5718, 47.4078, 49.2665



44.2306, 47.4078, 47.4533



43.5806, 47.4078, 54.0453

Rectangle

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



45.8991, 47.4078, 56.0217



46.7626, 47.4078, 52.5474



44.2306, 47.4078, 47.4533



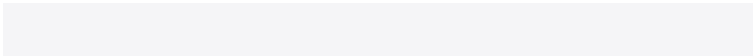
43.3986, 47.4078, 50.7016

Sweetspot

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



45.9005, 47.4098, 56.0227



87.2625, 91.4563, 101.3327



46.9053, 50.1248, 56.4938



19.1776, 20.1032, 22.2548



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



45.9005, 47.4098, 56.0227



80.3696, 82.5365, 99.9743



46.9835, 47.9682, 56.0734



9.6452, 9.8865, 12.0721



6.8766, 2.8311, 32.5769



0.3271, 0.1407, 1.2788

Inverse Universe

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



47.4007, 48.2085, 54.9532



83.8190, 84.3731, 97.4999



46.9750, 50.8986, 51.6068



10.0916, 10.1242, 11.7512



17.6955, 8.7094, 19.4880



0.7160, 0.3503, 0.8835

Previews

White Background



This preview shows how the XYZ color 45.8991, 47.4078, 56.0217 looks on a white background.

Color Contrast Check

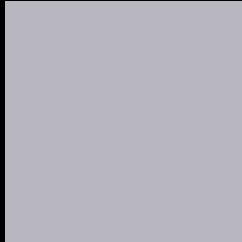
Large Text (above 18pt) WCAG AA × Fail

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 45.8991, 47.4078, 56.0217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

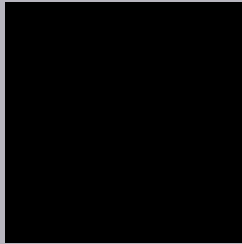
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.8991, 47.4078, 56.0217

Background



This preview shows how black text looks on a background with the XYZ color 45.8991, 47.4078, 56.0217.



This preview shows how white text looks on a background with the XYZ color 45.8991, 47.4078,

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

45.8991, 47.4078, 56.0217

Protanopia

45.8991, 47.4078, 56.0217

Deuteranopia

48.4608, 47.5169, 56.4867



Tritanopia

46.4953, 47.3476, 58.9130

Trichromacy



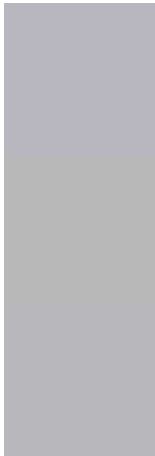
Original Color
45.8991, 47.4078, 56.0217

Protanomaly
45.8991, 47.4078, 56.0217

Deuteranomaly
47.3728, 47.2524, 56.4930

Tritanomaly
46.2691, 47.2571, 57.7218

Monochromacy



Original Color
45.8991, 47.4078, 56.0217

Achromatopsia
45.5594, 47.9320, 52.1980

Achromatomaly
45.6703, 47.6452, 53.8031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8991, 47.4078, 56.0217 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(184, 182, 191) looks like.

```
.text, #text, p{  
    color:rgb(184, 182, 191)  
}
```

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(184, 182, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 182, 191) }
```

Border

The CSS property to change the border of an element to XYZ 45.8991, 47.4078, 56.0217 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(184, 182, 191) }
```


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

```
.border{ border-color:rgb(184, 182, 191) }
```

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

Here you see how a box with a 4 pixel rgb(184, 182, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 182, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 182, 191);  
box-shadow:4px 4px 4px 4px rgb(184, 182,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8991, 47.4078, 56.0217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 182, 191) }
```

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

```
.background{ background-color: rgb(184,  
182, 191) }
```

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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