

Converting Colors

XYZ(45.8772, 46.8271, 57.5418)

Have a look what the booklet for
XYZ(45.8772, 46.8271, 57.5418)
contains.

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Color

**XYZ(45.8260, 46.7279,
57.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B4C2
RGB	184, 180, 194
RGB Percent	72%, 71%, 76%
CMY	0.2784, 0.2941, 0.2392
CMYK	0.05, 0.07, 0.00, 0.24
HSL	257°, 10%, 73%
HSV	257°, 7%, 76%
XYZ	45.8260, 46.7279, 57.6430
YIQ	182.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

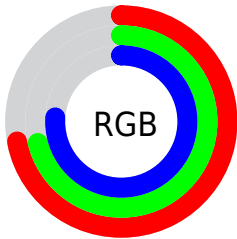
Format	Color
RYB	184, 180, 194
Decimal	12104898
CIELab	74.02, 4.07, -6.59
CIELCh	74, 7.749, 301.688
Yxy	46.7279, 0.3051, 0.3111
Android (android.graphics.Color)	4290294978 (0xFFB8B4C2)
YUV	182.7920, 5.5255, 1.0594
Hunter-Lab	68.3578, 0.0374, -2.1461

Details

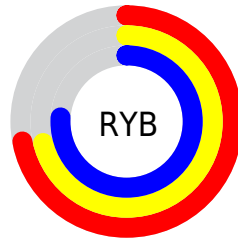
The XYZ color **45.8260, 46.7279, 57.6430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7670, 52.8272, 50.8087**, and the grayscale version is **44.8685, 47.2051, 51.4064**.

A 20% lighter version of the original color is **83.1860, 85.4183, 102.5455**, and **21.6831, 21.8975, 27.8948** is the 20% darker color. If you saturate the color by 10%, you get **39.0217, 37.8085, 56.2807**, and if you desaturate by 10%, it is **53.5066, 56.9153, 59.2053**.

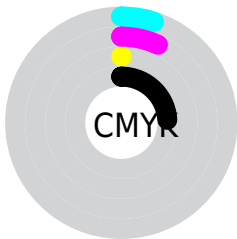
Distribution



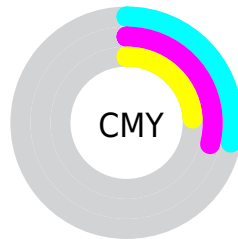
- Red (72%)
- Green (71%)
- Blue (76%)



- Red (72%)
- Yellow (71%)
- Blue (76%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.8260, 46.7279, 57.6430 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 45.8260, 46.7279, 57.6430 by changing the saturation by 10% instead.

■ 45.8260, 46.7279,
57.6430

■ 45.8260, 46.7279,
57.6430

360.8363,
373.7274, 433.4154

■ 32.3126, 32.8206,
41.1089

■ 83.1880, 85.3073,
102.9124

■ 21.7571, 21.9891,
28.0839

107.7673,
110.7482, 132.4849

■ 13.7941, 13.8489,
18.1493

136.7659,
140.8025, 167.2405

■ 8.0583, 8.0156,
10.8867

170.5492,
175.8544, 207.5978

■ 4.1844, 4.1049,
5.8775

209.4825,
216.2885, 253.9755

■ 1.8070, 1.7324,
2.7031

253.9313,

■ 0.5219, 0.4445,

262.4891, 306.7919

0.9450

304.2607,
314.8406, 366.4657

■ 0.0000, 0.0000,
0.0000

■ 45.8260, 46.7279,
57.6430

■ 45.8260, 46.7279,
57.6430

■ 39.0217, 37.8085,
56.2807

■ 53.5066, 56.9153,
59.2053

■ 33.0575, 30.1011,
55.1074

■ 62.0895, 68.4119,
60.9720

■ 27.9009, 23.5542,
54.1155

■ 71.6049, 81.2647,
62.9513

■ 23.5156, 18.1102,
53.2958

■ 81.2437, 93.8428,
64.8711

■ 19.8622, 13.7068,
52.6384

■ 86.1158, 96.3545,
65.0991

■ 16.8979, 10.2749,
52.1322

■ 86.7377, 96.6751,
65.1282

■ 14.5747, 7.7370,
51.7648

■ 12.8380, 6.0032,
51.5217

■ 11.6155, 4.9502,
51.3829

Harmonies

Analogous

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



44.4919, 46.7279, 58.8829



45.8260, 46.7279, 57.6430



46.7976, 46.7279, 54.5794

Triad

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



45.8260, 46.7279, 57.6430



45.6875, 46.7279, 44.4600



41.8063, 46.7279, 51.1036

Complementary

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



45.8260, 46.7279, 57.6430



48.7670, 52.8272, 50.8087

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.



42.1117, 46.7279, 47.3492



45.8260, 46.7279, 57.6430



44.3351, 46.7279, 43.6349

Square

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



45.8260, 46.7279, 57.6430



46.7165, 46.7279, 46.9796



43.0303, 46.7279, 44.6655



42.1874, 46.7279, 54.9879

Rectangle

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



45.8260, 46.7279, 57.6430



47.0989, 46.7279, 51.9884



43.0303, 46.7279, 44.6655



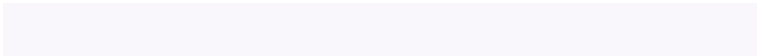
41.8321, 46.7279, 49.7850

Sweetspot

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



45.8274, 46.7299, 57.6440



90.0365, 93.9348, 105.8556



46.9823, 50.4412, 58.2995



19.7475, 20.6111, 23.1875



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.



45.8274, 46.7299, 57.6440



80.5281, 81.3702, 103.9315



47.5378, 47.6117, 57.7241



9.7925, 9.8842, 12.6765



7.5233, 3.1388, 33.7659



0.3951, 0.1717, 1.4622

Inverse Universe

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



47.8653, 47.8317, 55.4272



85.1583, 83.8742, 98.8591



47.0680, 51.9514, 50.7292



10.3707, 10.1969, 12.0426



17.7090, 8.7734, 16.9116



0.7936, 0.3905, 0.8805

Previews

White Background



This preview shows how the XYZ color 45.8260, 46.7279, 57.6430 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 45.8260, 46.7279, 57.6430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

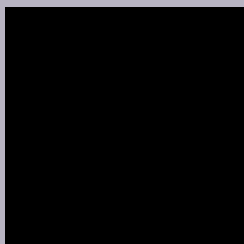
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

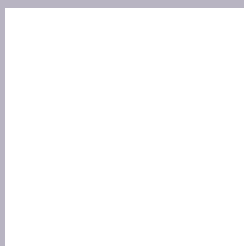
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.8260, 46.7279, 57.6430

Background



This preview shows how black text looks on a background with the XYZ color 45.8260, 46.7279, 57.6430.



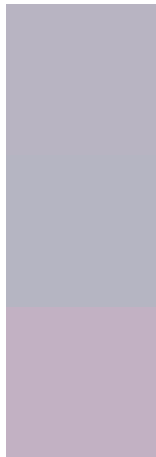
This preview shows how white text looks on a background with the XYZ color 45.8260, 46.7279,

57.6430.

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

45.8260, 46.7279, 57.6430

Protanopia

45.3175, 46.7665, 57.6773

Deuteranopia

47.8206, 46.8537, 58.1530



Tritanopia

45.8260, 46.7279, 57.6430

Trichromacy



Original Color

45.8260, 46.7279, 57.6430

Protanomaly

45.5529, 46.8879, 57.6883

Deuteranomaly

47.0059, 46.7281, 58.1717

Tritanomaly

45.8260, 46.7279, 57.6430

Monochromacy



Original Color

45.8260, 46.7279, 57.6430

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.2260, 47.1110, 53.7234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8260, 46.7279, 57.6430 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, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 180, 194)  
}
```

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, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 180, 194) }
```

Border

The CSS property to change the border of an element to XYZ 45.8260, 46.7279, 57.6430 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, 180, 194) }
```


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

```
.border{ border-color:rgb(184, 180, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 180,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8260, 46.7279, 57.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 180, 194) }
```

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

```
.background{ background-color: rgb(184,  
180, 194) }
```

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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