

Converting Colors

XYZ(45.7117, 47.3078, 56.9770)

Have a look what the booklet for
XYZ(45.7117, 47.3078, 56.9770)
contains.

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Color

**XYZ(45.6450, 47.2512,
57.1667)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B6C1
RGB	182, 182, 193
RGB Percent	71%, 71%, 76%
CMY	0.2863, 0.2863, 0.2431
CMYK	0.06, 0.06, 0.00, 0.24
HSL	240°, 8%, 74%
HSV	240°, 6%, 76%
XYZ	45.6450, 47.2512, 57.1667
YIQ	183.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

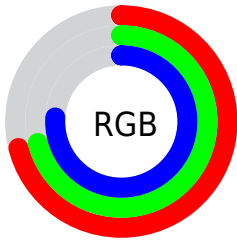
Format	Color
R_{YB}	182, 182, 193
Decimal	11974337
CIE Lab	74.35, 2.11, -5.57
CIE LCh	74, 5.956, 290.754
Yxy	47.2512, 0.3042, 0.3149
Android (android.graphics.Color)	4290164417 (0xFFB6B6C1)
YUV	183.2540, 4.8048, -1.0998
Hunter-Lab	68.7395, -1.7650, -1.1904

Details

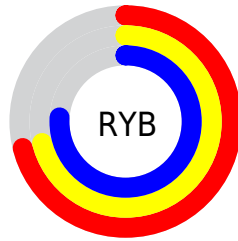
The XYZ color **45.6450, 47.2512, 57.1667** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5060, 52.8544, 51.8495**, and the grayscale version is **45.1261, 47.4762, 51.7015**.

A 20% lighter version of the original color is **82.9333, 86.1658, 101.8831**, and **21.6371, 22.2611, 27.9674** is the 20% darker color. If you saturate the color by 10%, you get **37.7145, 37.6964, 55.7411**, and if you desaturate by 10%, it is **54.7510, 58.2229, 58.8052**.

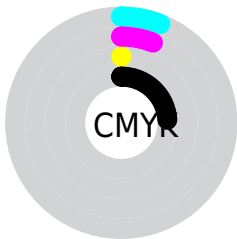
Distribution



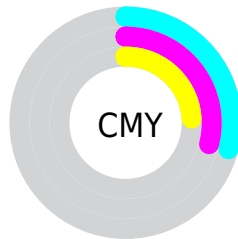
- Red (71%)
- Green (71%)
- Blue (76%)



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



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6450, 47.2512, 57.1667 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 45.6450, 47.2512, 57.1667 by changing the saturation by 10% instead.

■ 45.6450, 47.2512,
57.1667

■ 45.6450, 47.2512,
57.1667

360.1195,
375.8163, 431.5849

■ 32.1692, 33.2343,
40.7288

■ 82.9186, 86.0885,
102.2111

■ 21.6470, 22.3060,
27.7892

107.4471,
111.6776, 131.6548

■ 13.7129, 14.0819,
17.9291

136.3905,
141.8929, 166.2708

■ 8.0016, 8.1777,
10.7302

170.1143,
177.1189, 206.4777

■ 4.1478, 4.2088,
5.7738

208.9837,
217.7398, 252.6940

■ 1.7861, 1.7911,
2.6415

253.3642,

■ 0.5093, 0.4816,

264.1400, 305.3383

0.9138

303.6210,
316.7041, 364.8291

■ 0.0000, 0.0000,
0.0000

■ 45.6450, 47.2512,
57.1667

■ 45.6450, 47.2512,
57.1667

■ 37.7145, 37.6964,
55.7411

■ 54.7510, 58.2229,
58.8052

■ 30.9076, 29.4950,
54.5169

■ 65.0733, 70.6596,
60.6617

■ 25.1749, 22.5876,
53.4858

■ 76.6558, 84.6146,
62.7448

■ 20.4616, 16.9084,
52.6380

■ 86.6258, 96.6303,
64.5386

■ 16.7078, 12.3852,
51.9628

■ 13.8478, 8.9389,
51.4483

■ 11.8074, 6.4801,
51.0812

■ 10.5006, 4.9051,
50.8461

■ 9.8202, 4.0850,
50.7237

Harmonies

Analogous

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



44.5806, 47.2512, 57.4959



45.6450, 47.2512, 57.1667



46.5256, 47.2512, 55.2731

Triad

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



45.6450, 47.2512, 57.1667



46.2272, 47.2512, 47.0122



42.9076, 47.2512, 50.5061

Complementary

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



45.6450, 47.2512, 57.1667



49.5060, 52.8544, 51.8495

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.



43.3339, 47.2512, 47.8045



45.6450, 47.2512, 57.1667



45.2428, 47.2512, 45.8408

Square

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



45.6450, 47.2512, 57.1667



46.8654, 47.2512, 49.3855



44.1846, 47.2512, 46.1250



43.0114, 47.2512, 53.5682

Rectangle

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



45.6450, 47.2512, 57.1667



46.8845, 47.2512, 53.4184



44.1846, 47.2512, 46.1250



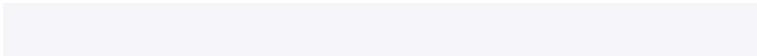
42.9934, 47.2512, 49.5277

Sweetspot

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



45.6464, 47.2532, 57.1677



87.4848, 91.5369, 103.4177



47.9674, 51.9279, 57.8406



18.8036, 19.6802, 22.1929



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.



45.6464, 47.2532, 57.1677



79.6231, 82.0648, 102.0038



46.9255, 47.9118, 57.2275



9.8719, 10.1621, 12.7260



6.4026, 2.5617, 33.7136



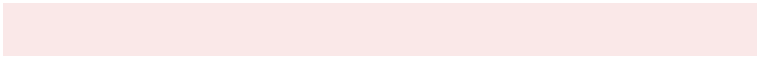
0.2767, 0.1108, 1.4567

Inverse Universe

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



47.1648, 48.1718, 51.0705



82.9838, 84.0977, 88.5092



48.1754, 52.1693, 51.7874



10.3133, 10.4291, 10.9537



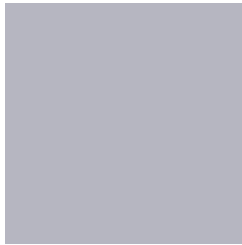
14.6277, 7.5408, 0.6856



0.6321, 0.3258, 0.0298

Previews

White Background



This preview shows how the XYZ color 45.6450, 47.2512, 57.1667 looks on a white background.

Color Contrast Check

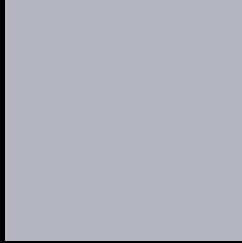
Large Text (above 18pt) WCAG AA × Fail

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 45.6450, 47.2512, 57.1667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

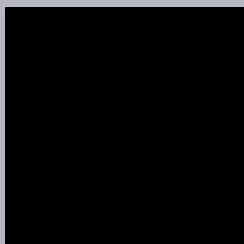
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

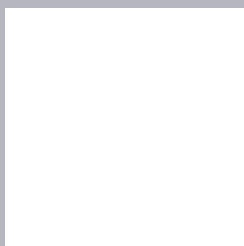
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.6450, 47.2512, 57.1667

Background



This preview shows how black text looks on a background with the XYZ color 45.6450, 47.2512, 57.1667.

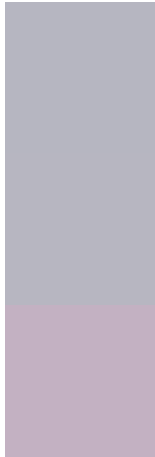


This preview shows how white text looks on a background with the XYZ color 45.6450, 47.2512,

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

45.6450, 47.2512, 57.1667

Protanopia

45.8820, 47.3734, 57.1778

Deuteranopia

47.9654, 46.9414, 57.5715



Tritanopia

45.9832, 47.3865, 58.9475

Trichromacy



Original Color

45.6450, 47.2512, 57.1667

Protanomaly

45.8820, 47.3734, 57.1778

Deuteranomaly

47.0929, 47.0824, 57.6447

Tritanomaly

45.8697, 47.3411, 58.3499

Monochromacy



Original Color

45.6450, 47.2512, 57.1667

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.4316, 47.5221, 53.7919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6450, 47.2512, 57.1667 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(182, 182, 193)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 193)  
}
```

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(182, 182, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 193) }
```

Border

The CSS property to change the border of an element to XYZ 45.6450, 47.2512, 57.1667 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(182, 182, 193) }
```


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

```
.border{ border-color:rgb(182, 182, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 182, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 193);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6450, 47.2512, 57.1667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 182, 193) }
```

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

```
.background{ background-color: rgb(182,  
182, 193) }
```

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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