

Converting Colors

XYZ(48.1027, 45.6886, 65.5576)

Have a look what the booklet for
XYZ(48.1027, 45.6886, 65.5576)
contains.

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Color

**XYZ(47.9443, 45.5986,
65.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	C0ADCF
RGB	192, 173, 207
RGB Percent	75%, 68%, 81%
CMY	0.2471, 0.3216, 0.1882
CMYK	0.07, 0.16, 0.00, 0.19
HSL	274°, 26%, 75%
HSV	274°, 16%, 81%
XYZ	47.9443, 45.5986, 65.3060
YIQ	182.5570, 0.4100, 14.6020

Conversions

Conversions Part 2

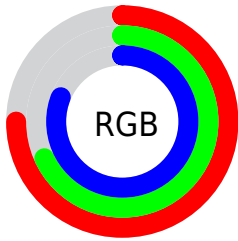
Format	Color
RYB	192, 173, 207
Decimal	12627407
CIELab	73.28, 13.17, -14.73
CIELCh	73, 19.759, 311.809
Yxy	45.5986, 0.3018, 0.2871
Android (android.graphics.Color)	4290817487 (0xFFC0ADCF)
YUV	182.5570, 12.0504, 8.2815
Hunter-Lab	67.5267, 8.5641, -10.0714

Details

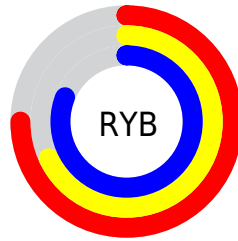
The XYZ color **47.9443, 45.5986, 65.3060** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.5963, 58.3354, 48.1305**, and the grayscale version is **44.7045, 47.0326, 51.2185**.

A 20% lighter version of the original color is **84.8603, 82.8465, 106.1261**, and **23.0684, 21.3779, 33.0475** is the 20% darker color. If you saturate the color by 10%, you get **42.0375, 37.1116, 63.9799**, and if you desaturate by 10%, it is **54.6123, 55.3934, 66.8458**.

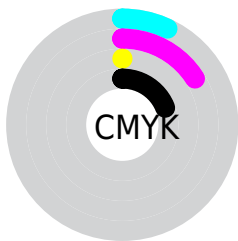
Distribution



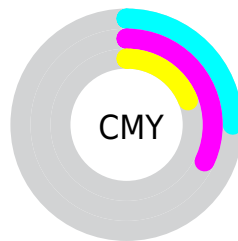
- Red (75%)
- Green (68%)
- Blue (81%)



- Red (75%)
- Yellow (68%)
- Blue (81%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (25%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9443, 45.5986, 65.3060 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 47.9443, 45.5986, 65.3060 by changing the saturation by 10% instead.

■ 47.9443, 45.5986,
65.3060

■ 47.9443, 45.5986,
65.3060

369.1576,
369.1925, 462.2271

■ 33.9938, 31.9292,
47.2563

■ 86.3317, 83.6179,
114.1072

■ 23.0517, 21.3074,
32.8825

111.4993,
108.7367, 145.6957

■ 14.7526, 13.3489,
21.7661

141.1367,
138.4406, 182.6344

■ 8.7311, 7.6692,
13.4885

175.6092,
173.1142, 225.3416

■ 4.6219, 3.8840,
7.6311

215.2822,
213.1418, 274.2359

■ 2.0596, 1.6089,
3.7754

260.5210,

■ 0.6671, 0.3636,

258.9077, 329.7359

1.5030

311.6910,
310.7965, 392.2601

■ 0.0000, 0.0000,
0.2201

■ 0.0000, 0.0000,
0.0000

■ 47.9443, 45.5986,
65.3060

■ 47.9443, 45.5986,
65.3060

■ 42.0375, 37.1116,
63.9799

■ 54.6123, 55.3934,
66.8458

■ 36.8571, 29.8688,
62.8549

■ 62.0663, 66.5442,
68.6053

■ 32.3712, 23.8098,
61.9218

■ 70.3350, 79.1039,
70.5938

■ 28.5440, 18.8670,
61.1695

■ 79.1870, 92.6064,
72.7335

■ 25.3359, 14.9655,
60.5855

■ 82.1706, 94.1445,
72.8731

■ 22.7028, 12.0209,
60.1559

■ 85.3096, 95.7627,
73.0200

■ 20.5932, 9.9352,
59.8645

■ 88.2626, 97.2851,
73.1582

■ 18.9423, 8.5833,
59.6906

■ 18.4216, 8.1956,
59.6432

Harmonies

Analogous

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



44.7206, 45.5986, 70.8121



47.9443, 45.5986, 65.3060



49.9963, 45.5986, 55.8600

Triad

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



47.9443, 45.5986, 65.3060



45.4577, 45.5986, 33.6114



37.1288, 45.5986, 53.6652

Complementary

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



47.9443, 45.5986, 65.3060



50.5963, 58.3354, 48.1305

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.



37.3026, 45.5986, 43.9166



47.9443, 45.5986, 65.3060



41.9883, 45.5986, 33.1884

Square

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



47.9443, 45.5986, 65.3060



48.5087, 45.5986, 37.9637



39.0405, 45.5986, 36.7189



38.5524, 45.5986, 63.5157

Rectangle

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



47.9443, 45.5986, 65.3060



50.3605, 45.5986, 49.0482



39.0405, 45.5986, 36.7189



37.0045, 45.5986, 50.2550

Sweetspot

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



47.9457, 45.6005, 65.3070



89.0772, 91.0818, 107.4934



46.5452, 49.4858, 66.1307



18.8921, 19.2367, 22.9673



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.



47.9457, 45.6005, 65.3070



73.0837, 67.6451, 103.8126



51.7327, 47.5767, 64.4051



11.7865, 11.7388, 14.8882



11.7167, 5.2205, 37.5826



0.7455, 0.3385, 2.1056

Inverse Universe

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



49.7544, 46.7854, 53.9872



76.6292, 69.9643, 81.7783



47.2565, 56.5945, 48.8384



12.0223, 11.8937, 13.3933



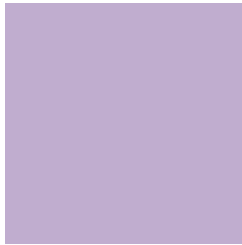
17.4570, 8.8556, 7.3128



1.0157, 0.5110, 0.6174

Previews

White Background



This preview shows how the XYZ color 47.9443, 45.5986, 65.3060 looks on a white background.

Color Contrast Check

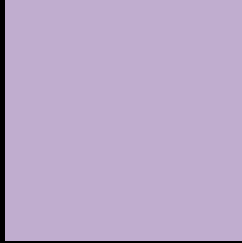
Large Text (above 18pt) WCAG AA × Fail

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 47.9443, 45.5986, 65.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

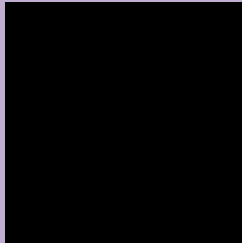
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9443, 45.5986, 65.3060

Background



This preview shows how black text looks on a background with the XYZ color 47.9443, 45.5986, 65.3060.



This preview shows how white text looks on a background with the XYZ color 47.9443, 45.5986,

65.3060.

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

47.9443, 45.5986, 65.3060

Protanopia

45.3335, 45.9420, 68.1064

Deuteranopia

46.7954, 45.8699, 65.4189



Tritanopia

45.8059, 45.5872, 55.1002

Trichromacy



Original Color

47.9443, 45.5986, 65.3060

Protanomaly

46.4111, 45.9212, 67.3903

Deuteranomaly

47.3315, 45.8563, 65.3880

Tritanomaly

46.5290, 45.5926, 58.5725

Monochromacy



Original Color

47.9443, 45.5986, 65.3060

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.8842, 46.4851, 56.4233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9443, 45.5986, 65.3060 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(192, 173, 207)` looks like.

```
.text, #text, p{  
    color:rgb(192, 173, 207)  
}
```

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(192, 173, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 173, 207) }
```

Border

The CSS property to change the border of an element to XYZ 47.9443, 45.5986, 65.3060 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(192, 173, 207) }
```


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

```
.border{ border-color:rgb(192, 173, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 173, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 173, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 173, 207);  
box-shadow:4px 4px 4px 4px rgb(192, 173,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9443, 45.5986, 65.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 173, 207) }
```

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

```
.background{ background-color: rgb(192,  
173, 207) }
```

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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