

Converting Colors

XYZ(47.3837, 45.5669, 66.6195)

Have a look what the booklet for
XYZ(47.3837, 45.5669, 66.6195)
contains.

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Color

**XYZ(47.3837, 45.5669,
66.6195)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAED1
RGB	188, 174, 209
RGB Percent	74%, 68%, 82%
CMY	0.2627, 0.3176, 0.1804
CMYK	0.10, 0.17, 0.00, 0.18
HSL	264°, 28%, 75%
HSV	264°, 17%, 82%
XYZ	47.3837, 45.5669, 66.6195
YIQ	182.1760, -2.8910, 13.8530

Conversions

Conversions Part 2

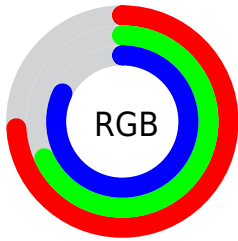
Format	Color
RYB	188, 174, 209
Decimal	12365521
CIELab	73.26, 11.70, -15.89
CIELCh	73, 19.732, 306.379
Yxy	45.5669, 0.2969, 0.2856
Android (android.graphics.Color)	4290555601 (0xFFBCAED1)
YUV	182.1760, 13.2242, 5.1076
Hunter-Lab	67.5033, 7.1668, -11.2615

Details

The XYZ color **47.3837, 45.5669, 66.6195** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.9477, 60.2602, 48.8873**, and the grayscale version is **44.4918, 46.8088, 50.9748**.

A 20% lighter version of the original color is **83.3775, 82.4917, 106.1358**, and **22.8676, 21.4365, 33.9428** is the 20% darker color. If you saturate the color by 10%, you get **40.6999, 36.5875, 65.2393**, and if you desaturate by 10%, it is **54.9670, 55.9450, 68.2237**.

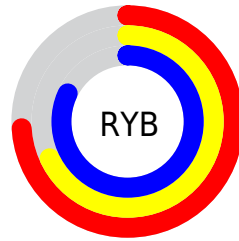
Distribution



Red (74%)

Green (68%)

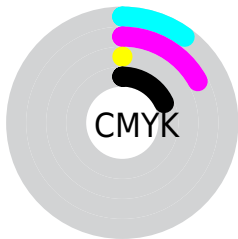
Blue (82%)



Red (74%)

Yellow (68%)

Blue (82%)

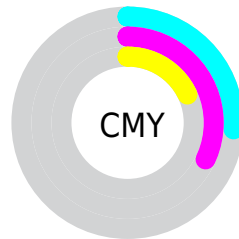


Cyan (10%)

Magenta (17%)

Yellow (0%)

Black (18%)



Cyan (26%)

Magenta (32%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3837, 45.5669, 66.6195 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 47.3837, 45.5669, 66.6195 by changing the saturation by 10% instead.

■ 47.3837, 45.5669,
66.6195

■ 47.3837, 45.5669,
66.6195

366.9674,
369.0647, 467.0537

■ 33.5483, 31.9042,
48.3158

■ 85.5013, 83.5705,
116.0105

■ 22.7081, 21.2883,
33.7153

110.5143,
108.6801, 147.9349

■ 14.4976, 13.3349,
22.3994

139.9838,
138.3741, 185.2366

■ 8.5516, 7.6596,
13.9495

174.2753,
173.0370, 228.3341

■ 4.5046, 3.8779,
7.9472

213.7540,
213.0531, 277.6461

■ 1.9914, 1.6055,
3.9739

258.7854,

■ 0.6291, 0.3613,

258.8068, 333.5910

1.6110

309.7347,
310.6826, 396.5874

■ 0.0000, 0.0000,
0.2987

■ 0.0000, 0.0000,
0.0000

■ 47.3837, 45.5669,
66.6195

■ 47.3837, 45.5669,
66.6195

■ 40.6999, 36.5875,
65.2393

■ 54.9670, 55.9450,
68.2237

■ 34.8756, 28.9395,
64.0700

■ 63.4793, 67.7737,
70.0582

■ 29.8740, 22.5589,
63.1021

■ 72.9537, 81.1090,
72.1328

■ 25.6536, 17.3737,
62.3237

■ 82.5840, 94.3292,
74.1770

■ 22.1690, 13.3044,
61.7219

■ 86.9465, 96.5781,
74.3812

■ 19.3694, 10.2617,
61.2821

■ 88.5088, 97.3835,
74.4543

■ 17.1965, 8.1417,
60.9875

■ 15.5765, 6.8101,
60.8158

■ 15.1286, 6.4696,
60.7737

Harmonies

Analogous

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



44.0546, 45.5669, 71.0992



47.3837, 45.5669, 66.6195



49.7065, 45.5669, 57.6605

Triad

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



47.3837, 45.5669, 66.6195



46.0351, 45.5669, 34.1034



37.0196, 45.5669, 51.7654

Complementary

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



47.3837, 45.5669, 66.6195



52.9477, 60.2602, 48.8873

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.



37.4872, 45.5669, 42.3543



47.3837, 45.5669, 66.6195



42.5738, 45.5669, 32.9631

Square

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



47.3837, 45.5669, 66.6195



48.8993, 45.5669, 39.1345



39.4767, 45.5669, 35.7817



38.1636, 45.5669, 61.8163

Rectangle

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



47.3837, 45.5669, 66.6195



50.3063, 45.5669, 50.8295



39.4767, 45.5669, 35.7817



36.9944, 45.5669, 48.4192

Sweetspot

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



47.3851, 45.5688, 66.6205



88.3578, 90.7110, 107.4598



48.6118, 52.8958, 67.9701



18.7174, 19.1466, 22.9591



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.



47.3851, 45.5688, 66.6205



70.5069, 66.3167, 103.6920



51.7999, 47.8447, 66.8271



11.6048, 11.6451, 14.8797



9.4322, 4.0428, 37.4757



0.6159, 0.2717, 2.0995

Inverse Universe

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



51.2824, 47.7695, 58.1494



77.7708, 70.4209, 87.7896



48.8212, 58.1329, 48.6942



12.1023, 11.9256, 13.8143



18.5607, 9.2971, 13.1245



1.0764, 0.5353, 0.9372

Previews

White Background



This preview shows how the XYZ color 47.3837, 45.5669, 66.6195 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 47.3837, 45.5669, 66.6195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

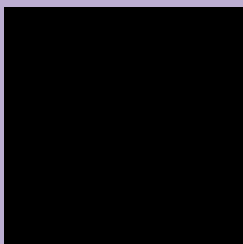
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3837, 45.5669, 66.6195

Background



This preview shows how black text looks on a background with the XYZ color 47.3837, 45.5669, 66.6195.



This preview shows how white text looks on a background with the XYZ color 47.3837, 45.5669,

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

47.3837, 45.5669, 66.6195

Protanopia

45.0376, 45.4785, 68.6918

Deuteranopia

46.8011, 45.8445, 66.7038



Tritanopia

45.1337, 45.5202, 55.6977

Trichromacy



Original Color

47.3837, 45.5669, 66.6195

Protanomaly

45.8401, 45.6124, 68.0161

Deuteranomaly

46.8462, 45.5777, 66.6499

Tritanomaly

45.9681, 45.5670, 59.7986

Monochromacy



Original Color

47.3837, 45.5669, 66.6195

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.4017, 46.2363, 56.4007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3837, 45.5669, 66.6195 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(188, 174, 209)` looks like.

```
.text, #text, p{  
    color:rgb(188, 174, 209)  
}
```

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(188, 174, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 174, 209) }
```

Border

The CSS property to change the border of an element to XYZ 47.3837, 45.5669, 66.6195 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(188, 174, 209) }
```


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

```
.border{ border-color:rgb(188, 174, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 174, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 174, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 174, 209);  
box-shadow:4px 4px 4px 4px rgb(188, 174,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3837, 45.5669, 66.6195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 174, 209) }
```

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

```
.background{ background-color: rgb(188,  
174, 209) }
```

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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