

Converting Colors

XYZ(47.0522, 48.9489, 66.7096)

Have a look what the booklet for
XYZ(47.0522, 48.9489, 66.7096)
contains.

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Color

**XYZ(47.0755, 49.0190,
66.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	B1BAD0
RGB	177, 186, 208
RGB Percent	69%, 73%, 82%
CMY	0.3059, 0.2706, 0.1843
CMYK	0.15, 0.11, 0.00, 0.18
HSL	223°, 25%, 75%
HSV	223°, 15%, 82%
XYZ	47.0755, 49.0190, 66.6550
YIQ	185.8170, -12.4260, 4.9340

Conversions

Conversions Part 2

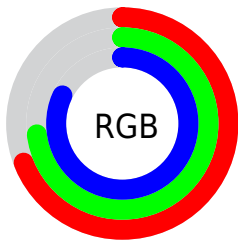
Format	Color
RYB	177, 184, 208
Decimal	11647696
CIELab	75.46, 1.36, -12.12
CIELCh	75, 12.201, 276.408
Yxy	49.0190, 0.2893, 0.3012
Android (android.graphics.Color)	4289837776 (0xFFB1BAD0)
YUV	185.8170, 10.9362, -7.7325
Hunter-Lab	70.0136, -2.5045, -7.4363

Details

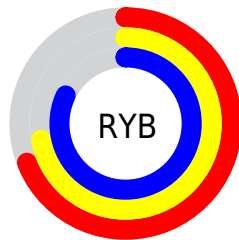
The XYZ color **47.0755, 49.0190, 66.6550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3719, 57.4308, 49.8154**, and the grayscale version is **46.5166, 48.9391, 53.2947**.

A 20% lighter version of the original color is **83.4064, 88.0479, 107.2067**, and **22.5324, 23.3932, 33.8996** is the 20% darker color. If you saturate the color by 10%, you get **39.7438, 40.8605, 65.4675**, and if you desaturate by 10%, it is **55.4535, 58.1962, 67.9856**.

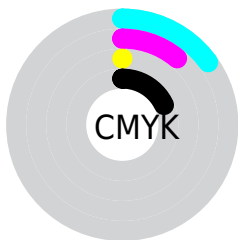
Distribution



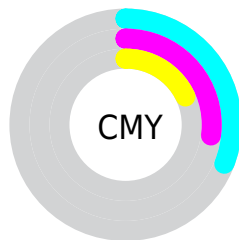
- Red (69%)
- Green (73%)
- Blue (82%)



- Red (69%)
- Yellow (72%)
- Blue (82%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0755, 49.0190, 66.6550 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 47.0755, 49.0190, 66.6550 by changing the saturation by 10% instead.

■ 47.0755, 49.0190,
66.6550

■ 47.0755, 49.0190,
66.6550

365.7597,
382.8171, 467.1838

■ 33.3035, 34.6346,
48.3445

■ 85.0444, 88.7197,
116.0619

■ 22.5194, 23.3815,
33.7378

109.9720,
114.8047, 147.9953

■ 14.3578, 14.8755,
22.4165

139.3489,
145.5587, 185.3068

■ 8.4533, 8.7320,
13.9621

173.5404,
181.3660, 228.4148

■ 4.4406, 4.5668,
7.9558

212.9118,
222.6112, 277.7380

■ 1.9543, 1.9954,
3.9793

257.8287,

■ 0.6081, 0.6048,

269.6785, 333.6949

1.6140

308.6562,
322.9523, 396.7039

■ 0.0000, 0.0000,
0.3008

■ 0.0000, 0.0000,
0.0000

■ 47.0755, 49.0190,
66.6550

■ 47.0755, 49.0190,
66.6550

■ 39.7438, 40.8605,
65.4675

■ 55.4535, 58.1962,
67.9856

■ 33.4117, 33.6784,
64.4149

■ 64.9131, 68.4204,
69.4605

■ 28.0354, 27.4364,
63.4934

■ 75.4935, 79.7262,
71.0851

■ 23.5660, 22.0932,
62.6977

■ 85.2906, 91.1448,
72.7727

■ 19.9500, 17.6045,
62.0218

■ 88.3853, 97.3341,
73.8043

■ 17.1279, 13.9217,
61.4597

■ 15.0319, 10.9904,
61.0044

■ 13.5808, 8.7480,
60.6481

■ 13.0225, 7.8285,
60.5000

Harmonies

Analogous

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



44.8812, 49.0190, 65.5501



47.0755, 49.0190, 66.6550



49.2059, 49.0190, 63.9773

Triad

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



47.0755, 49.0190, 66.6550



50.1598, 49.0190, 46.3531



42.7384, 49.0190, 48.5672

Complementary

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



47.0755, 49.0190, 66.6550



54.3719, 57.4308, 49.8154

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.



44.0706, 49.0190, 44.0110



47.0755, 49.0190, 66.6550



48.3439, 49.0190, 42.8065

Square

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



47.0755, 49.0190, 66.6550



51.0232, 49.0190, 52.0027



46.1100, 49.0190, 41.9848



42.4233, 49.0190, 54.7679

Rectangle

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



47.0755, 49.0190, 66.6550



50.2880, 49.0190, 60.5251



46.1100, 49.0190, 41.9848



43.0800, 49.0190, 46.8084

Sweetspot

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



47.0770, 49.0210, 66.6561



89.1308, 93.5852, 107.9738



50.9622, 58.5693, 62.4703



18.8462, 19.7794, 23.0745



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.



47.0770, 49.0210, 66.6561



70.6084, 73.2610, 105.0271



46.6842, 46.0911, 66.1113



11.4394, 11.9691, 14.9510



8.1890, 5.0246, 37.7307



0.5264, 0.4180, 2.1325

Inverse Universe

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



50.5986, 48.4004, 53.1321



77.3075, 72.2070, 79.2724



54.7956, 60.8156, 50.4464



11.9479, 11.8639, 13.0016



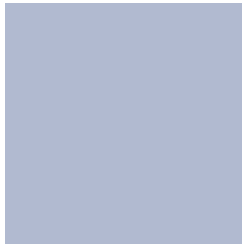
16.7642, 8.5785, 3.6642



0.9719, 0.4935, 0.3870

Previews

White Background



This preview shows how the XYZ color 47.0755, 49.0190, 66.6550 looks on a white background.

Color Contrast Check

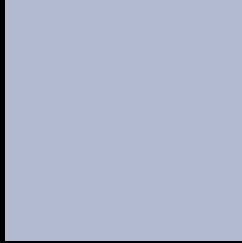
Large Text (above 18pt) WCAG AA × Fail

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 47.0755, 49.0190, 66.6550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

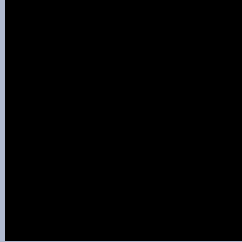
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0755, 49.0190, 66.6550

Background



This preview shows how black text looks on a background with the XYZ color 47.0755, 49.0190, 66.6550.



This preview shows how white text looks on a background with the XYZ color 47.0755, 49.0190,

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

47.0755, 49.0190, 66.6550

Protanopia

47.9314, 48.8533, 65.9348

Deuteranopia

50.0248, 48.9887, 67.1408



Tritanopia

46.3355, 49.0350, 62.8997

Trichromacy



Original Color

47.0755, 49.0190, 66.6550

Protanomaly

47.6675, 49.0267, 65.9822

Deuteranomaly

48.9356, 49.0352, 67.2072

Tritanomaly

46.5739, 49.1304, 64.1551

Monochromacy



Original Color

47.0755, 49.0190, 66.6550

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.8249, 49.0801, 58.0444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0755, 49.0190, 66.6550 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(177, 186, 208)` looks like.

```
.text, #text, p{  
    color:rgb(177, 186, 208)  
}
```

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(177, 186, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 186, 208) }
```

Border

The CSS property to change the border of an element to XYZ 47.0755, 49.0190, 66.6550 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(177, 186, 208) }
```


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

```
.border{ border-color:rgb(177, 186, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 186, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 186, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 186, 208);  
box-shadow:4px 4px 4px 4px rgb(177, 186,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0755, 49.0190, 66.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 186, 208) }
```

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

```
.background{ background-color: rgb(177,  
186, 208) }
```

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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