

Converting Colors

XYZ(50.4764, 49.4665, 69.8384)

Have a look what the booklet for
XYZ(50.4764, 49.4665, 69.8384)
contains.

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Color

**XYZ(50.4764, 49.4665,
69.8384)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B6D5
RGB	192, 182, 213
RGB Percent	75%, 71%, 84%
CMY	0.2471, 0.2863, 0.1647
CMYK	0.10, 0.15, 0.00, 0.16
HSL	259°, 27%, 77%
HSV	259°, 15%, 84%
XYZ	50.4764, 49.4665, 69.8384
YIQ	188.5240, -3.9910, 11.7610

Conversions

Conversions Part 2

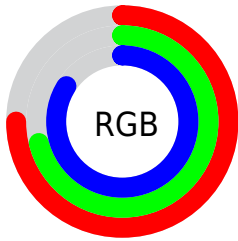
Format	Color
R _Y B	192, 182, 213
Decimal	12629717
CIE Lab	75.74, 9.47, -14.31
CIE LCh	76, 17.158, 303.504
Yxy	49.4665, 0.2973, 0.2914
Android (android.graphics.Color)	4290819797 (0xFFC0B6D5)
YUV	188.5240, 12.0667, 3.0485
Hunter-Lab	70.3324, 5.0247, -9.6408

Details

The XYZ color **50.4764, 49.4665, 69.8384** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **56.8682, 63.6638, 53.5495**, and the grayscale version is **48.0344, 50.5359, 55.0336**.

A 20% lighter version of the original color is **87.6915, 88.5088, 107.0698**, and **24.5030, 23.5724, 35.6062** is the 20% darker color. If you saturate the color by 10%, you get **42.9655, 39.6050, 68.3316**, and if you desaturate by 10%, it is **59.0120, 60.8438, 71.5853**.

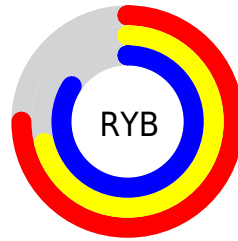
Distribution



Red (75%)

Green (71%)

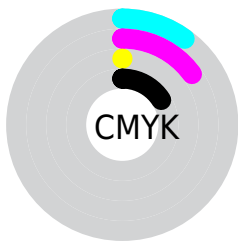
Blue (84%)



Red (75%)

Yellow (71%)

Blue (84%)

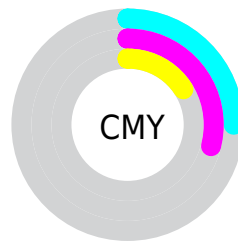


Cyan (10%)

Magenta (15%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (29%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4764, 49.4665, 69.8384 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 50.4764, 49.4665, 69.8384 by changing the saturation by 10% instead.

■ 50.4764, 49.4665,
69.8384

■ 50.4764, 49.4665,
69.8384

378.9473,
384.5759, 478.7562

■ 36.0114, 34.9897,
50.9188

■ 90.0679, 89.3839,
120.6572

■ 24.6132, 23.6549,
35.7677

115.9252,
115.5933, 153.3935

■ 15.9163, 15.0778,
23.9666

146.3106,
146.4823, 191.5725

■ 9.5554, 8.8740,
15.0969

181.5895,
182.4354, 235.6127

■ 5.1652, 4.6591,
8.7400

222.1273,
223.8369, 285.9326

■ 2.3803, 2.0487,
4.4775

268.2893,

■ 0.8353, 0.6355,

271.0712, 342.9508

1.8908

320.4408,
324.5228, 407.0858

■ 0.0000, 0.0000,
0.4869

■ 0.0000, 0.0000,
0.0000

■ 50.4764, 49.4665,
69.8384

■ 50.4764, 49.4665,
69.8384

■ 42.9655, 39.6050,
68.3316

■ 59.0120, 60.8438,
71.5853

■ 36.4348, 31.1881,
67.0512

■ 68.6058, 73.7917,
73.5789

■ 30.8428, 24.1479,
65.9870

■ 79.2949, 88.3699,
75.8294

■ 26.1432, 18.4088,
65.1269

■ 87.0956, 96.5970,
77.0062

■ 22.2857, 13.8873,
64.4575

■ 89.0104, 97.5842,
77.0959

■ 19.2141, 10.4902,
63.9637

■ 16.8649, 8.1101,
63.6281

■ 15.1622, 6.6171,
63.4297

■ 14.4432, 6.0583,
63.3597

Harmonies

Analogous

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



47.3915, 49.4665, 73.3188



50.4764, 49.4665, 69.8384



52.7094, 49.4665, 62.0651

Triad

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



50.4764, 49.4665, 69.8384



49.8001, 49.4665, 39.6471



41.1683, 49.4665, 54.9390

Complementary

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



50.4764, 49.4665, 69.8384



56.8682, 63.6638, 53.5495

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.



41.7489, 49.4665, 46.4130



50.4764, 49.4665, 69.8384



46.6433, 49.4665, 38.1911

Square

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



50.4764, 49.4665, 69.8384



52.3067, 49.4665, 44.7529



43.7183, 49.4665, 40.5270



42.0954, 49.4665, 64.1271

Rectangle

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



50.4764, 49.4665, 69.8384



53.3634, 49.4665, 55.8681



43.7183, 49.4665, 40.5270



41.1938, 49.4665, 51.9018

Sweetspot

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



50.4779, 49.4686, 69.8395



89.3851, 92.3767, 107.7271



52.7027, 57.5494, 71.2820



18.9103, 19.4748, 23.0123



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.



50.4779, 49.4686, 69.8395



72.7546, 70.2414, 104.3311



54.5605, 51.5732, 70.0306



12.1160, 12.2012, 15.6540



8.9176, 3.7497, 38.7069



0.6233, 0.2702, 2.3386

Inverse Universe

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



54.9498, 51.9161, 63.6271



80.5761, 74.5242, 93.3715



52.9006, 61.6184, 53.3638



12.7747, 12.5614, 14.7539



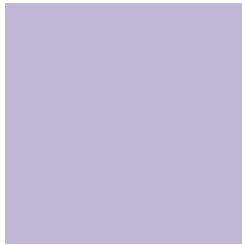
19.8996, 9.8962, 17.3074



1.2374, 0.6117, 1.2393

Previews

White Background



This preview shows how the XYZ color 50.4764, 49.4665, 69.8384 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 50.4764, 49.4665, 69.8384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

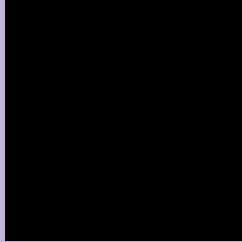
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4764, 49.4665, 69.8384

Background



This preview shows how black text looks on a background with the XYZ color 50.4764, 49.4665, 69.8384.



This preview shows how white text looks on a background with the XYZ color 50.4764, 49.4665,

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

50.4764, 49.4665, 69.8384

Protanopia

48.6708, 49.4280, 71.2653

Deuteranopia

50.4764, 49.4665, 69.8384



Tritanopia

48.6845, 49.3517, 60.9927

Trichromacy



Original Color

50.4764, 49.4665, 69.8384

Protanomaly

49.2857, 49.4503, 70.5656

Deuteranomaly

50.4764, 49.4665, 69.8384

Tritanomaly

49.3184, 49.3030, 64.0438

Monochromacy



Original Color

50.4764, 49.4665, 69.8384

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.9872, 50.1422, 60.5226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4764, 49.4665, 69.8384 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, 182, 213)` looks like.

```
.text, #text, p{  
    color:rgb(192, 182, 213)  
}
```

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, 182, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 182, 213) }
```

Border

The CSS property to change the border of an element to XYZ 50.4764, 49.4665, 69.8384 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, 182, 213) }
```


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

```
.border{ border-color:rgb(192, 182, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 182, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 182, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 182, 213);  
box-shadow:4px 4px 4px 4px rgb(192, 182,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4764, 49.4665, 69.8384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 182, 213) }
```

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

```
.background{ background-color: rgb(192,  
182, 213) }
```

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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