

Converting Colors

XYZ(48.4180, 50.3489, 65.9099)

Have a look what the booklet for
XYZ(48.4180, 50.3489, 65.9099)
contains.

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Color

**XYZ(48.5371, 50.4165,
66.2047)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BCCF
RGB	182, 188, 207
RGB Percent	71%, 74%, 81%
CMY	0.2863, 0.2627, 0.1882
CMYK	0.12, 0.09, 0.00, 0.19
HSL	226°, 21%, 76%
HSV	226°, 12%, 81%
XYZ	48.5371, 50.4165, 66.2047
YIQ	188.3720, -9.6750, 4.6370

Conversions

Conversions Part 2

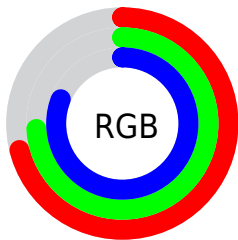
Format	Color
R_{YB}	182, 187, 207
Decimal	11975887
CIE Lab	76.32, 1.70, -10.26
CIE LCh	76, 10.397, 279.426
Yxy	50.4165, 0.2939, 0.3053
Android (android.graphics.Color)	4290165967 (0xFFB6BCCF)
YUV	188.3720, 9.1836, -5.5882
Hunter-Lab	71.0046, -2.2395, -5.5788

Details

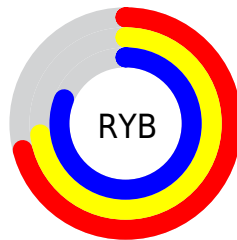
The XYZ color **48.5371, 50.4165, 66.2047** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0626, 58.4158, 52.6302**, and the grayscale version is **47.9660, 50.4640, 54.9553**.

A 20% lighter version of the original color is **85.6606, 90.0985, 107.4837**, and **23.4670, 24.2950, 33.5895** is the 20% darker color. If you saturate the color by 10%, you get **40.8262, 41.7230, 64.9339**, and if you desaturate by 10%, it is **57.3399, 60.2193, 67.6337**.

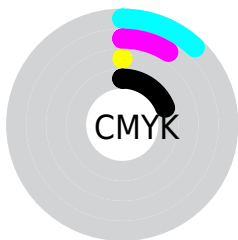
Distribution



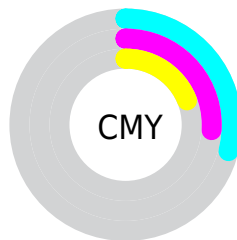
- Red (71%)
- Green (74%)
- Blue (81%)



- Red (71%)
- Yellow (73%)
- Blue (81%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5371, 50.4165, 66.2047 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 48.5371, 50.4165, 66.2047 by changing the saturation by 10% instead.

■ 48.5371, 50.4165,
66.2047

■ 48.5371, 50.4165,
66.2047

371.4644,
388.2925, 465.5328

■ 34.4654, 35.7444,
47.9811

■ 87.2084, 90.7917,
115.4099

■ 23.4160, 24.2369,
33.4520

112.5388,
117.2636, 147.2285

■ 15.0233, 15.5094,
22.1990

142.3528,
148.4376, 184.4159

■ 8.9222, 9.1777,
13.8035

177.0157,
184.6980, 227.3905

■ 4.7472, 4.8573,
7.8469

216.8930,
226.4294, 276.5710

■ 2.1329, 2.1638,
3.9108

262.3500,

■ 0.7070, 0.7001,

274.0160, 332.3759

1.5765

313.7520,
327.8422, 395.2236

■ 0.0000, 0.0000,
0.2740

■ 0.0000, 0.0000,
0.0000

■ 48.5371, 50.4165,
66.2047

■ 48.5371, 50.4165,
66.2047

■ 40.8262, 41.7230,
64.9339

■ 57.3399, 60.2193,
67.6337

■ 34.1595, 34.0929,
63.8125

■ 67.2709, 71.1626,
69.2225

■ 28.4922, 27.4861,
62.8360

■ 78.3703, 83.2844,
70.9773

■ 23.7745, 21.8576,
61.9982

■ 86.9762, 94.7121,
72.7294

■ 19.9523, 17.1590,
61.2927

■ 88.2626, 97.2851,
73.1583

■ 16.9654, 13.3374,
60.7125

■ 14.7461, 10.3340,
60.2498

■ 13.2148, 8.0819,
59.8958

■ 12.3905, 6.7608,
59.6842

Harmonies

Analogous

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



46.6116, 50.4165, 65.5938



48.5371, 50.4165, 66.2047



50.3444, 50.4165, 63.6301

Triad

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



48.5371, 50.4165, 66.2047



50.8795, 50.4165, 48.3432



44.4884, 50.4165, 51.2010

Complementary

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



48.5371, 50.4165, 66.2047



55.0626, 58.4158, 52.6302

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.



45.5735, 50.4165, 46.9983



48.5371, 50.4165, 66.2047



49.2514, 50.4165, 45.4278

Square

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



48.5371, 50.4165, 66.2047



51.7208, 50.4165, 53.1522



47.3069, 50.4165, 44.9527



44.3089, 50.4165, 56.6755

Rectangle

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



48.5371, 50.4165, 66.2047



51.2263, 50.4165, 60.5501



47.3069, 50.4165, 44.9527



44.7579, 50.4165, 49.6034

Sweetspot

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



48.5386, 50.4186, 66.2058



88.9734, 93.2705, 107.9213



52.1184, 58.7769, 63.7033



18.8064, 19.7000, 23.0612



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.



48.5386, 50.4186, 66.2058



75.0619, 77.7428, 105.6574



48.7921, 48.6851, 65.8579



11.3909, 11.8720, 14.9348



7.8685, 4.3837, 37.6239



0.5031, 0.3714, 2.1247

Inverse Universe

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



51.5384, 50.3532, 54.5821



80.6356, 77.6740, 84.0480



54.7774, 60.3868, 53.0257



11.9234, 11.8541, 12.8726



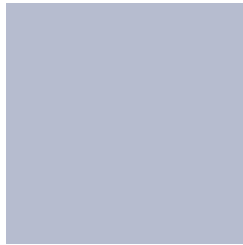
16.6024, 8.5138, 2.8124



0.9602, 0.4888, 0.3250

Previews

White Background



This preview shows how the XYZ color 48.5371, 50.4165, 66.2047 looks on a white background.

Color Contrast Check

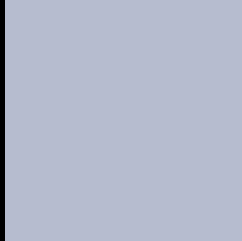
Large Text (above 18pt) WCAG AA × Fail

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 48.5371, 50.4165, 66.2047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

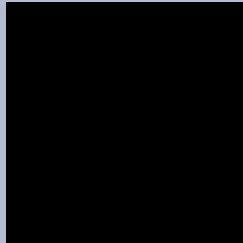
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

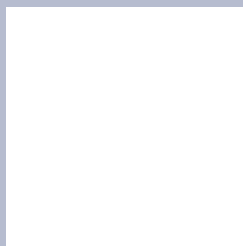
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5371, 50.4165, 66.2047

Background



This preview shows how black text looks on a background with the XYZ color 48.5371, 50.4165, 66.2047.

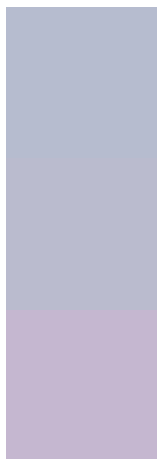


This preview shows how white text looks on a background with the XYZ color 48.5371, 50.4165,

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

48.5371, 50.4165, 66.2047

Protanopia

49.1606, 50.4360, 65.5366

Deuteranopia

51.3446, 50.2914, 66.6756



Tritanopia

48.1527, 50.5786, 64.3515

Trichromacy



Original Color

48.5371, 50.4165, 66.2047

Protanomaly

48.9185, 50.3112, 65.5253

Deuteranomaly

50.4724, 50.4585, 66.7538

Tritanomaly

48.2731, 50.6267, 64.9853

Monochromacy



Original Color

48.5371, 50.4165, 66.2047

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.0832, 50.3457, 58.8132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5371, 50.4165, 66.2047 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, 188, 207)` looks like.

```
.text, #text, p{  
    color:rgb(182, 188, 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(182, 188, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 188, 207) }
```

Border

The CSS property to change the border of an element to XYZ 48.5371, 50.4165, 66.2047 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, 188, 207) }
```


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

```
.border{ border-color:rgb(182, 188, 207) }
```

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

Here you see how a box with a 4 pixel rgb(182, 188, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 188, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 188, 207);  
box-shadow:4px 4px 4px 4px rgb(182, 188,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5371, 50.4165, 66.2047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 188, 207) }
```

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

```
.background{ background-color: rgb(182,  
188, 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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