

Converting Colors

XYZ(48.8936, 51.9035, 65.9244)

Have a look what the booklet for
XYZ(48.8936, 51.9035, 65.9244)
contains.

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Color

**XYZ(48.8126, 51.8588,
65.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C0CE
RGB	180, 192, 206
RGB Percent	71%, 75%, 81%
CMY	0.2941, 0.2470, 0.1922
CMYK	0.13, 0.07, 0.00, 0.19
HSL	212°, 21%, 76%
HSV	212°, 13%, 81%
XYZ	48.8126, 51.8588, 65.8296
YIQ	190.0080, -11.6460, 1.8100

Conversions

Conversions Part 2

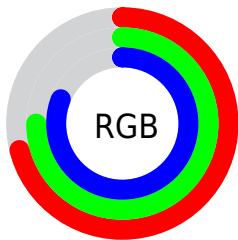
Format	Color
RYB	180, 188, 206
Decimal	11845838
CIELab	77.20, -1.30, -8.43
CIELCh	77, 8.532, 261.224
Yxy	51.8588, 0.2932, 0.3115
Android (android.graphics.Color)	4290035918 (0xFFB4C0CE)
YUV	190.0080, 7.8841, -8.7770
Hunter-Lab	72.0131, -5.0302, -3.7899

Details

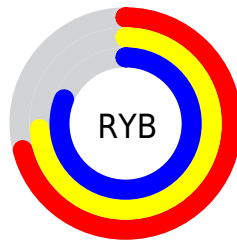
The XYZ color **48.8126, 51.8588, 65.8296** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9839, 55.0004, 51.0046**, and the grayscale version is **48.9102, 51.4574, 56.0371**.

A 20% lighter version of the original color is **86.2095, 92.1877, 107.8580**, and **23.6525, 25.2443, 33.3318** is the 20% darker color. If you saturate the color by 10%, you get **42.0250, 44.8812, 64.8413**, and if you desaturate by 10%, it is **56.4995, 59.5752, 66.9147**.

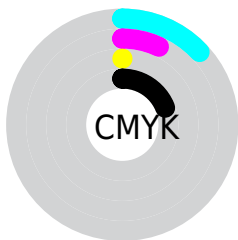
Distribution



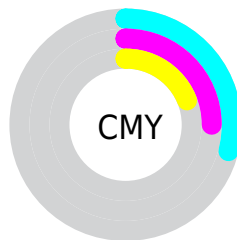
- Red (71%)
- Green (75%)
- Blue (81%)



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



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8126, 51.8588, 65.8296 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 48.8126, 51.8588, 65.8296 by changing the saturation by 10% instead.

■ 48.8126, 51.8588,
65.8296

■ 48.8126, 51.8588,
65.8296

372.5333,
393.8913, 464.1548

■ 34.6848, 36.8925,
47.6785

■ 87.6155, 92.9230,
114.8664

■ 23.5855, 25.1243,
33.2142

113.0212,
119.7897, 146.5892

■ 15.1495, 16.1697,
22.0181

142.9169,
151.3920, 183.6729

■ 9.0114, 9.6443,
13.6718

177.6681,
188.1142, 226.5361

■ 4.8058, 5.1638,
7.7566

217.6399,
230.3409, 275.5974

■ 2.1673, 2.3437,
3.8541

263.1978,

■ 0.7254, 0.7967,

278.4564, 331.2752

1.5456

314.7072,
332.8450, 393.9882

■ 0.0000, 0.0000,
0.2516

■ 0.0000, 0.0000,
0.0000

■ 48.8126, 51.8588,
65.8296

■ 48.8126, 51.8588,
65.8296

■ 42.0250, 44.8812,
64.8413

■ 56.4995, 59.5752,
66.9147

■ 36.0968, 38.6116,
63.9436

■ 65.1145, 68.0469,
68.0958

■ 30.9917, 33.0267,
63.1347

■ 74.6905, 77.2978,
69.3767

■ 26.6689, 28.0989,
62.4114

■ 82.4815, 85.9178,
70.6299

■ 23.0836, 23.7986,
61.7703

■ 85.7810, 92.5168,
71.7298

■ 20.1865, 20.0933,
61.2078

■ 88.1407, 97.2363,
72.5163

■ 17.9208, 16.9466,
60.7199

■ 16.2194, 14.3163,
60.3018

■ 15.2419, 12.6585,
60.0334

Harmonies

Analogous

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



47.3493, 51.8588, 63.7721



48.8126, 51.8588, 65.8296



50.4360, 51.8588, 65.2720

Triad

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



48.8126, 51.8588, 65.8296



52.2763, 51.8588, 53.2713



46.8820, 51.8588, 51.0174

Complementary

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



48.8126, 51.8588, 65.8296



52.9839, 55.0004, 51.0046

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.



48.1620, 51.8588, 48.4889



48.8126, 51.8588, 65.8296



51.2835, 51.8588, 49.7393

Square

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



48.8126, 51.8588, 65.8296



52.4598, 51.8588, 57.8489



49.7710, 51.8588, 48.0342



46.2510, 51.8588, 55.1042

Rectangle

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



48.8126, 51.8588, 65.8296



51.3891, 51.8588, 63.5046



49.7710, 51.8588, 48.0342



47.2493, 51.8588, 49.9667

Sweetspot

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



48.8141, 51.8610, 65.8308



89.6696, 94.6628, 108.1534



50.6172, 57.7359, 59.4377



18.9823, 20.0517, 23.1198



0.0000, 0.0000, 0.0000



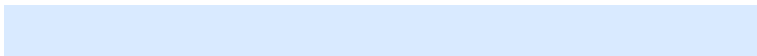
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.8141, 51.8610, 65.8308



76.1301, 81.0115, 106.2320



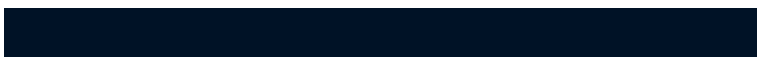
46.4876, 46.9074, 64.9972



11.0214, 11.6832, 14.2446



9.4802, 7.9844, 36.9978



0.5647, 0.5632, 1.9339

Inverse Universe

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



51.2905, 49.5712, 56.7366



80.8984, 76.7209, 88.6942



55.5240, 60.4369, 51.9200



11.4242, 11.2984, 12.7682



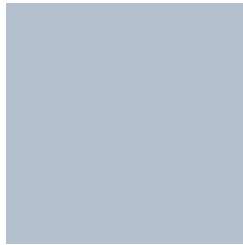
16.9961, 8.6090, 7.6980



0.9150, 0.4594, 0.5981

Previews

White Background



This preview shows how the XYZ color 48.8126, 51.8588, 65.8296 looks on a white background.

Color Contrast Check

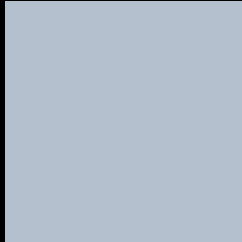
Large Text (above 18pt) WCAG AA × Fail

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 48.8126, 51.8588, 65.8296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

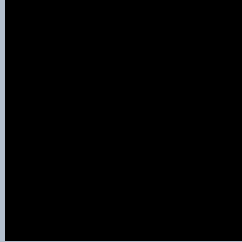
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8126, 51.8588, 65.8296

Background



This preview shows how black text looks on a background with the XYZ color 48.8126, 51.8588, 65.8296.



This preview shows how white text looks on a background with the XYZ color 48.8126, 51.8588,

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

48.8126, 51.8588, 65.8296

Protanopia

50.3319, 51.7020, 64.4534

Deuteranopia

52.6988, 51.6204, 66.2177



Tritanopia

48.9345, 51.9076, 66.4715

Trichromacy



Original Color

48.8126, 51.8588, 65.8296

Protanomaly

49.6826, 51.6738, 65.1131

Deuteranomaly

51.2380, 51.8089, 66.3311

Tritanomaly

48.9345, 51.9076, 66.4715

Monochromacy



Original Color

48.8126, 51.8588, 65.8296

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.8443, 51.6862, 59.6266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8126, 51.8588, 65.8296 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(180, 192, 206) looks like.

```
.text, #text, p{  
    color:rgb(180, 192, 206)  
}
```

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(180, 192, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 192, 206) }
```

Border

The CSS property to change the border of an element to XYZ 48.8126, 51.8588, 65.8296 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(180, 192, 206) }
```


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

```
.border{ border-color:rgb(180, 192, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 192, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 192, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 192, 206);  
box-shadow:4px 4px 4px 4px rgb(180, 192,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8126, 51.8588, 65.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 192, 206) }
```

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

```
.background{ background-color: rgb(180,  
192, 206) }
```

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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