

Converting Colors

XYZ(48.8737, 51.8649, 65.5986)

Have a look what the booklet for
XYZ(48.8737, 51.8649, 65.5986)
contains.

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Color

**XYZ(49.0463, 51.9793,
65.8405)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C0CE
RGB	181, 192, 206
RGB Percent	71%, 75%, 81%
CMY	0.2902, 0.2470, 0.1922
CMYK	0.12, 0.07, 0.00, 0.19
HSL	214°, 20%, 76%
HSV	214°, 12%, 81%
XYZ	49.0463, 51.9793, 65.8405
YIQ	190.3070, -11.0500, 2.0220

Conversions

Conversions Part 2

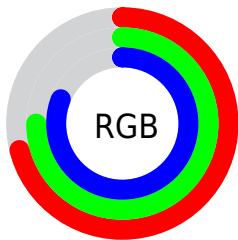
Format	Color
R _Y B	181, 189, 206
Decimal	11911374
CIE Lab	77.27, -0.97, -8.32
CIE LCh	77, 8.374, 263.316
Yxy	51.9793, 0.2939, 0.3115
Android (android.graphics.Color)	4290101454 (0xFFB5C0CE)
YUV	190.3070, 7.7366, -8.1622
Hunter-Lab	72.0967, -4.7383, -3.6775

Details

The XYZ color **49.0463, 51.9793, 65.8405** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3095, 55.4880, 51.6176**, and the grayscale version is **49.0831, 51.6393, 56.2351**.

A 20% lighter version of the original color is **86.5425, 92.3593, 107.8736**, and **23.8022, 25.3214, 33.3388** is the 20% darker color. If you saturate the color by 10%, you get **42.1348, 44.8042, 64.8207**, and if you desaturate by 10%, it is **56.8736, 59.9239, 66.9622**.

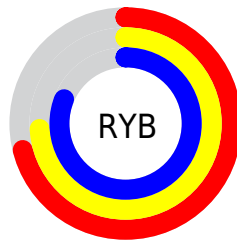
Distribution



Red (71%)

Green (75%)

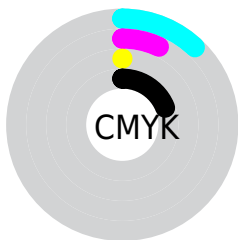
Blue (81%)



Red (71%)

Yellow (74%)

Blue (81%)

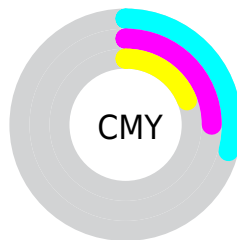


Cyan (12%)

Magenta (7%)

Yellow (0%)

Black (19%)



Cyan (29%)

Magenta (25%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0463, 51.9793, 65.8405 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 49.0463, 51.9793, 65.8405 by changing the saturation by 10% instead.

■ 49.0463, 51.9793,
65.8405

■ 49.0463, 51.9793,
65.8405

373.4385,
394.3567, 464.1949

■ 34.8709, 36.9886,
47.6873

■ 87.9605, 93.1007,
114.8822

■ 23.7295, 25.1986,
33.2211

113.4301,
120.0002, 146.6077

■ 15.2567, 16.2251,
22.0233

143.3950,
151.6380, 183.6945

■ 9.0872, 9.6836,
13.6756

178.2207,
188.3987, 226.5609

■ 4.8557, 5.1897,
7.7592

218.2726,
230.6664, 275.6257

■ 2.1967, 2.3590,
3.8557

263.9159,

■ 0.7410, 0.8047,

278.8258, 331.3072

1.5465

315.5161,
333.2611, 394.0241

■ 0.0000, 0.0000,
0.2522

■ 0.0000, 0.0000,
0.0000

■ 49.0463, 51.9793,
65.8405

■ 49.0463, 51.9793,
65.8405

■ 42.1348, 44.8042,
64.8207

■ 56.8736, 59.9239,
66.9622

■ 36.0988, 38.3669,
63.8963

■ 65.6457, 68.6554,
68.1852

■ 30.9014, 32.6430,
63.0654

■ 75.3961, 78.1986,
69.5134

■ 26.5016, 27.6040,
62.3246

■ 82.9959, 86.9467,
70.8014

■ 22.8542, 23.2191,
61.6705

■ 86.4650, 93.8847,
71.9577

■ 19.9094, 19.4547,
61.0991

■ 88.1407, 97.2363,
72.5163

■ 17.6102, 16.2733,
60.6062

■ 15.8895, 13.6316,
60.1870

■ 14.8531, 11.8810,
59.9037

Harmonies

Analogous

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



47.5832, 51.9793, 63.9876



49.0463, 51.9793, 65.8405



50.6369, 51.9793, 65.1110

Triad

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



49.0463, 51.9793, 65.8405



52.2946, 51.9793, 53.1686



46.9700, 51.9793, 51.4771

Complementary

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



49.0463, 51.9793, 65.8405



53.3095, 55.4880, 51.6176

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.



48.1928, 51.9793, 48.8589



49.0463, 51.9793, 65.8405



51.2722, 51.9793, 49.7979

Square

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



49.0463, 51.9793, 65.8405



52.5350, 51.9793, 57.6320



49.7650, 51.9793, 48.2612



46.4014, 51.9793, 55.5737

Rectangle

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



49.0463, 51.9793, 65.8405



51.5532, 51.9793, 63.2766



49.7650, 51.9793, 48.2612



47.3169, 51.9793, 50.4041

Sweetspot

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



49.0478, 51.9815, 65.8417



89.6016, 94.5268, 108.1307



50.9504, 57.8961, 59.9723



18.9651, 20.0173, 23.1141



0.0000, 0.0000, 0.0000



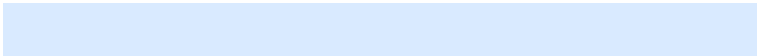
20.3446, 21.4041, 23.3091

Same Dimension

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



49.0478, 51.9815, 65.8417



75.8956, 80.5426, 106.1539



47.0159, 47.4806, 65.0800



11.0012, 11.6429, 14.2379



9.2392, 7.5023, 36.9174



0.5518, 0.5373, 1.9296

Inverse Universe

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



51.4931, 49.9765, 56.8042



80.7801, 76.6736, 88.0710



55.5206, 60.4233, 52.4537



11.4140, 11.2943, 12.7147



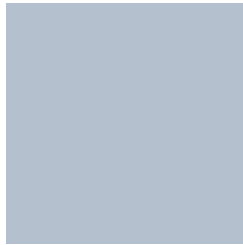
16.8744, 8.5603, 7.0572



0.9085, 0.4568, 0.5638

Previews

White Background



This preview shows how the XYZ color 49.0463, 51.9793, 65.8405 looks on a white background.

Color Contrast Check

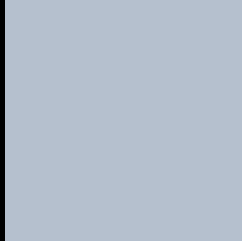
Large Text (above 18pt) WCAG AA × Fail

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 49.0463, 51.9793, 65.8405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

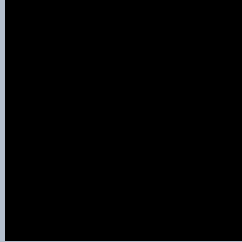
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0463, 51.9793, 65.8405

Background



This preview shows how black text looks on a background with the XYZ color 49.0463, 51.9793, 65.8405.

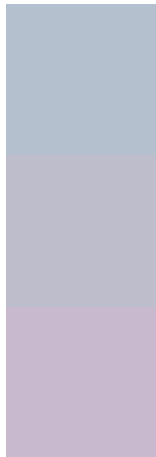


This preview shows how white text looks on a background with the XYZ color 49.0463, 51.9793,

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

49.0463, 51.9793, 65.8405

Protanopia

50.3319, 51.7020, 64.4534

Deuteranopia

52.6988, 51.6204, 66.2177



Tritanopia

49.1682, 52.0280, 66.4825

Trichromacy



Original Color

49.0463, 51.9793, 65.8405

Protanomaly

49.9264, 51.7995, 65.1245

Deuteranomaly

51.4938, 51.9408, 66.3430

Tritanomaly

49.1682, 52.0280, 66.4825

Monochromacy



Original Color

49.0463, 51.9793, 65.8405

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.0881, 51.8119, 59.6380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0463, 51.9793, 65.8405 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(181, 192, 206)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 192, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 192, 206) }
```

Border

The CSS property to change the border of an element to XYZ 49.0463, 51.9793, 65.8405 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(181, 192, 206) }
```


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

```
.border{ border-color:rgb(181, 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(181, 192, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 192, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 192, 206);  
box-shadow:4px 4px 4px 4px rgb(181, 192,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0463, 51.9793, 65.8405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 192, 206) }
```

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

```
.background{ background-color: rgb(181,  
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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