

Converting Colors

XYZ(48.0730, 51.6325, 65.3045)

Have a look what the booklet for
XYZ(48.0730, 51.6325, 65.3045)
contains.

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Color

**XYZ(48.0005, 51.4542,
65.1594)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C0CD
RGB	177, 192, 205
RGB Percent	69%, 75%, 80%
CMY	0.3059, 0.2470, 0.1961
CMYK	0.14, 0.06, 0.00, 0.20
HSL	208°, 22%, 75%
HSV	208°, 14%, 80%
XYZ	48.0005, 51.4542, 65.1594
YIQ	188.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

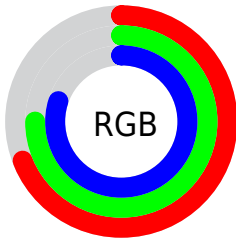
Format	Color
R_{YB}	177, 187, 205
Decimal	11649229
CIE _{Lab}	76.95, -2.49, -8.28
CIE _{LCh}	77, 8.641, 253.271
Yxy	51.4542, 0.2916, 0.3126
Android (android.graphics.Color)	4289839309 (0xFFB1C0CD)
YUV	188.9970, 7.8895, -10.5214
Hunter-Lab	71.7316, -6.0837, -3.6456

Details

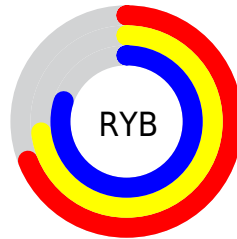
The XYZ color **48.0005, 51.4542, 65.1594** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5263, 52.9799, 49.1062**, and the grayscale version is **48.3310, 50.8480, 55.3734**.

A 20% lighter version of the original color is **85.2217, 91.6784, 107.8118**, and **23.1307, 24.9847, 32.8816** is the 20% darker color. If you saturate the color by 10%, you get **41.6553, 45.1823, 64.2840**, and if you desaturate by 10%, it is **55.1853, 58.3622, 66.1149**.

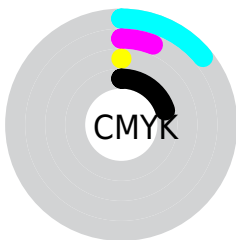
Distribution



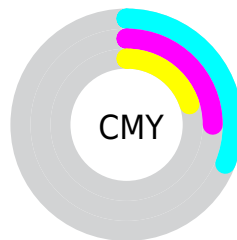
- Red (69%)
- Green (75%)
- Blue (80%)



- Red (69%)
- Yellow (73%)
- Blue (80%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0005, 51.4542, 65.1594 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 48.0005, 51.4542, 65.1594 by changing the saturation by 10% instead.

■ 48.0005, 51.4542,
65.1594

■ 48.0005, 51.4542,
65.1594

369.3767,
392.3259, 461.6864

■ 34.0385, 36.5702,
47.1382

■ 86.4148, 92.3258,
113.8945

■ 23.0862, 24.8749,
32.7898

111.5979,
119.0822, 145.4454

■ 14.7782, 15.9839,
21.6957

141.2521,
150.5649, 182.3433

■ 8.7492, 9.5127,
13.4373

175.7427,
187.1582, 225.0067

■ 4.6338, 5.0771,
7.5961

215.4351,
229.2465, 273.8542

■ 2.0665, 2.2926,
3.7536

260.6947,

■ 0.6709, 0.7698,

277.2144, 329.3043

1.4911

311.8867,
331.4460, 391.7755

■ 0.0000, 0.0000,
0.2113

■ 0.0000, 0.0000,
0.0000

■ 48.0005, 51.4542,
65.1594

■ 48.0005, 51.4542,
65.1594

■ 41.6553, 45.1823,
64.2840

■ 55.1853, 58.3622,
66.1149

■ 36.1115, 39.5190,
63.4831

■ 63.2368, 65.9199,
67.1493

■ 31.3344, 34.4438,
62.7553

■ 72.1865, 74.1484,
68.2659

■ 27.2850, 29.9327,
62.0980

■ 80.5752, 82.2990,
69.3970

■ 23.9202, 25.9594,
61.5084

■ 83.2971, 87.7428,
70.3043

■ 21.1924, 22.4950,
60.9835

■ 86.1658, 93.4803,
71.2605

■ 19.0466, 19.5068,
60.5198

■ 88.0196, 97.1878,
71.8785

■ 17.4170, 16.9562,
60.1134

■ 16.5787, 15.5261,
59.8815

Harmonies

Analogous

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



46.6377, 51.4542, 62.4690



48.0005, 51.4542, 65.1594



49.6357, 51.4542, 65.3161

Triad

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



48.0005, 51.4542, 65.1594



52.0505, 51.4542, 53.9702



46.7686, 51.4542, 49.6822

Complementary

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



48.0005, 51.4542, 65.1594



51.5263, 52.9799, 49.1062

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.



48.1829, 51.4542, 47.6594



48.0005, 51.4542, 65.1594



51.2460, 51.4542, 50.0399

Square

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



48.0005, 51.4542, 65.1594



51.9990, 51.4542, 58.6741



49.8222, 51.4542, 47.7866



45.9375, 51.4542, 53.4566

Rectangle

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



48.0005, 51.4542, 65.1594



50.6622, 51.4542, 63.9484



49.8222, 51.4542, 47.7866



47.1902, 51.4542, 48.7845

Sweetspot

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



48.0020, 51.4563, 65.1605



89.9046, 95.1328, 108.2317



49.2142, 56.7109, 56.8395



19.0418, 20.1706, 23.1397



0.0000, 0.0000, 0.0000



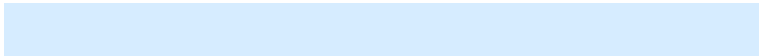
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0020, 51.4563, 65.1605



75.8531, 81.5726, 106.3549



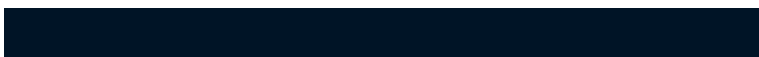
45.1518, 45.7559, 64.2105



11.0912, 11.8228, 14.2678



10.4168, 9.8576, 37.3099



0.6129, 0.6595, 1.9499

Inverse Universe

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



50.4146, 48.2302, 56.5240



80.4865, 75.5141, 89.7373



54.6114, 59.1502, 50.1346



11.4594, 11.3125, 12.9538



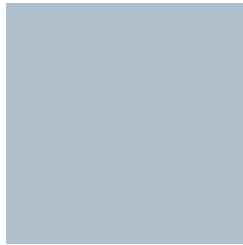
17.4688, 8.7981, 10.1874



0.9393, 0.4691, 0.7262

Previews

White Background



This preview shows how the XYZ color 48.0005, 51.4542, 65.1594 looks on a white background.

Color Contrast Check

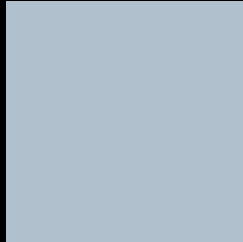
Large Text (above 18pt) WCAG AA × Fail

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 48.0005, 51.4542, 65.1594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

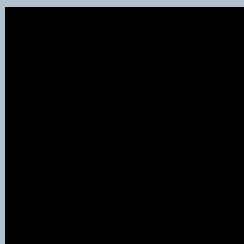
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

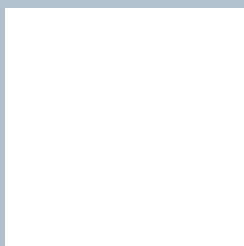
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0005, 51.4542, 65.1594

Background



This preview shows how black text looks on a background with the XYZ color 48.0005, 51.4542, 65.1594.

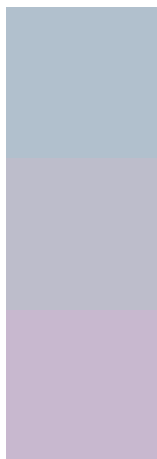


This preview shows how white text looks on a background with the XYZ color 48.0005, 51.4542,

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

48.0005, 51.4542, 65.1594

Protanopia

49.9634, 51.5258, 63.8120

Deuteranopia

52.2224, 51.0653, 66.1357



Tritanopia

48.2436, 51.5514, 66.4392

Trichromacy



Original Color

48.0005, 51.4542, 65.1594

Protanomaly

49.3201, 51.5008, 64.4679

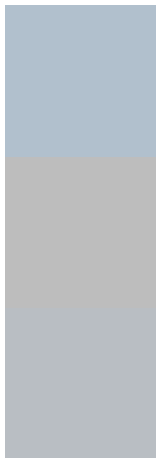
Deuteranomaly

50.6491, 51.2033, 65.6063

Tritanomaly

48.1217, 51.5026, 65.7972

Monochromacy



Original Color

48.0005, 51.4542, 65.1594

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.2714, 51.0813, 58.9453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0005, 51.4542, 65.1594 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, 192, 205)` looks like.

```
.text, #text, p{  
    color:rgb(177, 192, 205)  
}
```

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, 192, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 192, 205) }
```

Border

The CSS property to change the border of an element to XYZ 48.0005, 51.4542, 65.1594 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, 192, 205) }
```


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

```
.border{ border-color:rgb(177, 192, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 192, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 192, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 192, 205);  
box-shadow:4px 4px 4px 4px rgb(177, 192,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0005, 51.4542, 65.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 192, 205) }
```

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

```
.background{ background-color: rgb(177,  
192, 205) }
```

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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