

Converting Colors

XYZ(50.1629, 54.2125, 66.2127)

Have a look what the booklet for
XYZ(50.1629, 54.2125, 66.2127)
contains.

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Color

**XYZ(50.1629, 54.2125,
66.2127)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C5CE
RGB	181, 197, 206
RGB Percent	71%, 77%, 81%
CMY	0.2902, 0.2274, 0.1922
CMYK	0.12, 0.04, 0.00, 0.19
HSL	202°, 20%, 76%
HSV	202°, 12%, 81%
XYZ	50.1629, 54.2125, 66.2127
YIQ	193.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

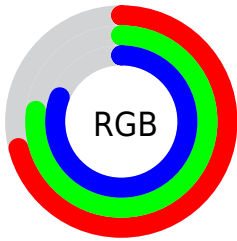
Format	Color
R_{YB}	181, 191, 206
Decimal	11912654
CIE _{Lab}	78.59, -3.63, -6.36
CIE _{LCh}	79, 7.327, 240.296
Yxy	54.2125, 0.2941, 0.3178
Android (android.graphics.Color)	4290102734 (0xFFB5C5CE)
YUV	193.2420, 6.2897, -10.7362
Hunter-Lab	73.6291, -7.2405, -1.7775

Details

The XYZ color **50.1629, 54.2125, 66.2127** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2079, 53.2847, 51.2504**, and the grayscale version is **50.8016, 53.4472, 58.2040**.

A 20% lighter version of the original color is **88.4169, 96.1081, 108.4984**, and **24.3920, 26.5011, 33.5354** is the 20% darker color. If you saturate the color by 10%, you get **44.0433, 48.6212, 65.4569**, and if you desaturate by 10%, it is **57.0827, 60.3422, 67.0320**.

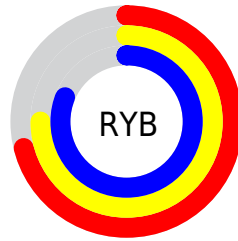
Distribution



Red (71%)

Green (77%)

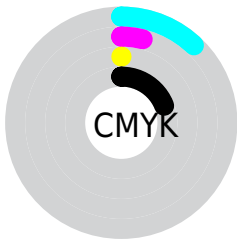
Blue (81%)



Red (71%)

Yellow (75%)

Blue (81%)

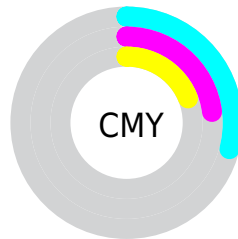


Cyan (12%)

Magenta (4%)

Yellow (0%)

Black (19%)



Cyan (29%)

Magenta (23%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1629, 54.2125, 66.2127 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 50.1629, 54.2125, 66.2127 by changing the saturation by 10% instead.

■ 50.1629, 54.2125,
66.2127

■ 50.1629, 54.2125,
66.2127

377.7441,
402.9198, 465.5622

■ 35.7612, 38.7716,
47.9875

■ 89.6066, 96.3862,
115.4215

■ 24.4191, 26.5821,
33.4571

115.3792,
123.8877, 147.2421

■ 15.7712, 17.2596,
22.2028

145.6729,
156.1783, 184.4317

■ 9.4522, 10.4198,
13.8063

180.8530,
193.6422, 227.4087

■ 5.0968, 5.6781,
7.8488

221.2848,
236.6640, 276.5918

■ 2.3395, 2.6504,
3.9120

267.3336,

■ 0.8148, 0.9521,

285.6279, 332.3993

1.5772

319.3650,
340.9184, 395.2499

■ 0.0000, 0.0000,
0.2745

■ 0.0000, 0.0000,
0.0000

■ 50.1629, 54.2125,
66.2127

■ 50.1629, 54.2125,
66.2127

■ 44.0433, 48.6212,
65.4569

■ 57.0827, 60.3422,
67.0320

■ 38.6868, 43.5429,
64.7590

■ 64.8284, 67.0208,
67.9128

■ 34.0601, 38.9603,
64.1183

■ 73.4303, 74.2671,
68.8581

■ 30.1257, 34.8522,
63.5327

■ 79.7567, 80.4683,
69.7217

■ 26.8424, 31.1954,
62.9999

■ 81.8243, 84.6035,
70.4109

■ 24.1642, 27.9643,
62.5174

■ 83.9803, 88.9154,
71.1295

■ 22.0385, 25.1298,
62.0824

■ 86.2257, 93.4061,
71.8780

■ 20.4026, 22.6577,
61.6914

■ 88.1407, 97.2363,
72.5163

■ 19.3736, 20.9220,
61.4106

Harmonies

Analogous

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



49.1655, 54.2125, 63.1338



50.1629, 54.2125, 66.2127



51.5417, 54.2125, 67.3477

Triad

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



50.1629, 54.2125, 66.2127



54.3558, 54.2125, 58.9871



50.1385, 54.2125, 52.4212

Complementary

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



50.1629, 54.2125, 66.2127



52.2079, 53.2847, 51.2504

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.



51.5130, 54.2125, 51.4237



50.1629, 54.2125, 66.2127



53.9636, 54.2125, 55.1045

Square

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



50.1629, 54.2125, 66.2127



53.9784, 54.2125, 63.0593



52.9163, 54.2125, 52.3832



49.1516, 54.2125, 55.1726

Rectangle

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



50.1629, 54.2125, 66.2127



52.4971, 54.2125, 66.8099



52.9163, 54.2125, 52.3832



50.5696, 54.2125, 51.8755

Sweetspot

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



50.1645, 54.2148, 66.2139



90.2365, 95.7967, 108.3424



50.3953, 57.6741, 57.0491



19.1258, 20.3387, 23.1677



0.0000, 0.0000, 0.0000



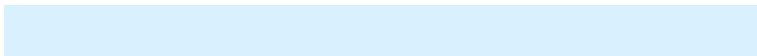
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1645, 54.2148, 66.2139



78.1157, 84.9828, 106.8939



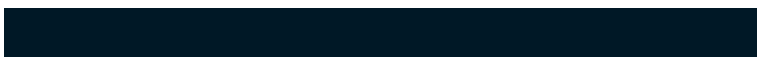
47.4943, 48.8745, 65.3239



11.1905, 12.0214, 14.3009



12.0242, 13.0724, 37.8458



0.6906, 0.8150, 1.9758

Inverse Universe

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



52.0568, 50.2019, 59.7722



81.9007, 77.1218, 93.9721



54.9742, 58.8174, 52.1725



11.5095, 11.3325, 13.2177



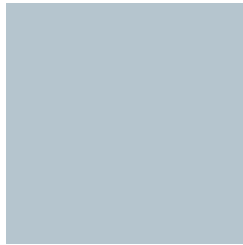
18.2802, 9.1227, 14.4600



0.9785, 0.4848, 0.9328

Previews

White Background



This preview shows how the XYZ color 50.1629, 54.2125, 66.2127 looks on a white background.

Color Contrast Check

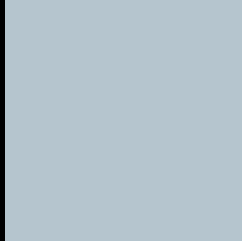
Large Text (above 18pt) WCAG AA × Fail

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 50.1629, 54.2125, 66.2127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

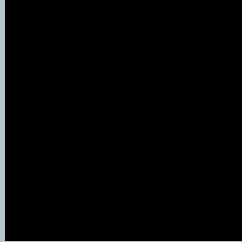
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

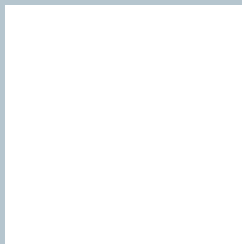
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1629, 54.2125, 66.2127

Background



This preview shows how black text looks on a background with the XYZ color 50.1629, 54.2125, 66.2127.



This preview shows how white text looks on a background with the XYZ color 50.1629, 54.2125,

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

50.1629, 54.2125, 66.2127

Protanopia

52.4747, 54.1017, 64.8037

Deuteranopia

55.3149, 54.2147, 67.2236



Tritanopia

50.9150, 54.1784, 70.0613

Trichromacy



Original Color

50.1629, 54.2125, 66.2127

Protanomaly

51.5464, 53.9385, 65.4520

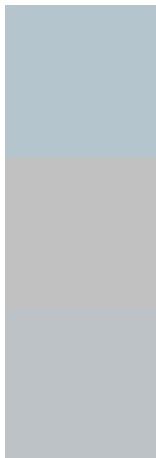
Deuteranomaly

53.4008, 54.2100, 66.6805

Tritanomaly

50.6642, 54.0781, 68.7406

Monochromacy



Original Color

50.1629, 54.2125, 66.2127

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.4711, 53.4796, 61.0886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1629, 54.2125, 66.2127 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, 197, 206)` looks like.

```
.text, #text, p{  
    color:rgb(181, 197, 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, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 197, 206) }
```

Border

The CSS property to change the border of an element to XYZ 50.1629, 54.2125, 66.2127 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, 197, 206) }
```


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

```
.border{ border-color:rgb(181, 197, 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, 197, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(181, 197,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1629, 54.2125, 66.2127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 197, 206) }
```

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

```
.background{ background-color: rgb(181,  
197, 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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