

Converting Colors

XYZ(50.1529, 53.2857, 69.3173)

Have a look what the booklet for
XYZ(50.1529, 53.2857, 69.3173)
contains.

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Color

**XYZ(50.1057, 53.1105,
69.2385)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C2D3
RGB	181, 194, 211
RGB Percent	71%, 76%, 83%
CMY	0.2902, 0.2392, 0.1725
CMYK	0.14, 0.08, 0.00, 0.17
HSL	214°, 25%, 77%
HSV	214°, 14%, 83%
XYZ	50.1057, 53.1105, 69.2385
YIQ	192.0510, -13.2050, 2.5310

Conversions

Conversions Part 2

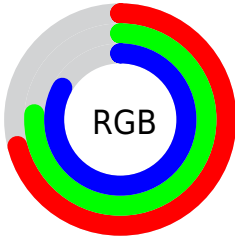
Format	Color
R _Y B	181, 190, 211
Decimal	11911891
CIE Lab	77.94, -1.00, -10.02
CIE LCh	78, 10.070, 264.283
Yxy	53.1105, 0.2905, 0.3080
Android (android.graphics.Color)	4290101971 (0xFFB5C2D3)
YUV	192.0510, 9.3419, -9.6917
Hunter-Lab	72.8770, -4.8091, -5.3160

Details

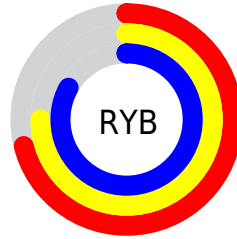
The XYZ color **50.1057, 53.1105, 69.2385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3988, 57.5729, 51.9099**, and the grayscale version is **50.0867, 52.6951, 57.3850**.

A 20% lighter version of the original color is **87.1607, 93.5957, 108.0797**, and **24.2809, 25.7457, 35.1422** is the 20% darker color. If you saturate the color by 10%, you get **42.9737, 45.6429, 68.1738**, and if you desaturate by 10%, it is **58.2042, 61.3969, 70.4119**.

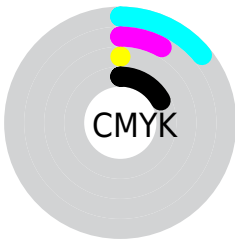
Distribution



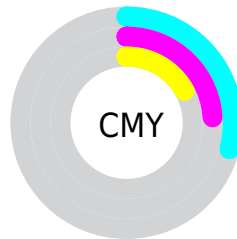
- Red (71%)
- Green (76%)
- Blue (83%)



- Red (71%)
- Yellow (75%)
- Blue (83%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (29%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1057, 53.1105, 69.2385 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 50.1057, 53.1105, 69.2385 by changing the saturation by 10% instead.

■ 50.1057, 53.1105,
69.2385

■ 50.1057, 53.1105,
69.2385

377.5243,
398.7089, 476.5884

■ 35.7155, 37.8910,
50.4330

■ 89.5224, 94.7669,
119.7931

■ 24.3837, 25.8981,
35.3840

115.2795,
121.9727, 152.3792

■ 15.7447, 16.7474,
23.6729

145.5565,
153.9426, 190.3960

■ 9.4334, 10.0546,
14.8812

180.7185,
191.0611, 234.2620

■ 5.0843, 5.4352,
8.5904

221.1309,
233.7126, 284.3957

■ 2.3321, 2.5048,
4.3818

267.1591,

■ 0.8110, 0.8790,

282.2815, 341.2156

1.8371

319.1685,
337.1521, 405.1403

■ 0.0000, 0.0000,
0.4522

■ 0.0000, 0.0000,
0.0000

■ 50.1057, 53.1105,
69.2385

■ 50.1057, 53.1105,
69.2385

■ 42.9737, 45.6429,
68.1738

■ 58.2042, 61.3969,
70.4119

■ 36.7649, 38.9601,
67.2112

■ 67.3009, 70.5215,
71.6937

■ 31.4395, 33.0354,
66.3483

■ 77.4315, 80.5110,
73.0879

■ 26.9529, 27.8377,
65.5815

■ 84.6977, 89.3625,
74.4135

■ 23.2560, 23.3333,
64.9069

■ 88.3695, 96.7062,
75.6374

■ 20.2944, 19.4855,
64.3203

■ 88.7580, 97.4832,
75.7669

■ 18.0055, 16.2527,
63.8169

■ 16.3145, 13.5868,
63.3915

■ 15.5380, 12.2631,
63.1769

Harmonies

Analogous

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



48.3131, 53.1105, 67.0352



50.1057, 53.1105, 69.2385



52.0447, 53.1105, 68.2279

Triad

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



50.1057, 53.1105, 69.2385



53.9914, 53.1105, 53.5050



47.4834, 53.1105, 51.7573

Complementary

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



50.1057, 53.1105, 69.2385



55.3988, 57.5729, 51.9099

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.



48.9469, 53.1105, 48.5431



50.1057, 53.1105, 69.2385



52.7107, 53.1105, 49.5055

Square

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



50.1057, 53.1105, 69.2385



54.3209, 53.1105, 58.9094



50.8560, 53.1105, 47.7460



46.8244, 53.1105, 56.7605

Rectangle

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



50.1057, 53.1105, 69.2385



53.1555, 53.1105, 65.8989



50.8560, 53.1105, 47.7460



47.8957, 53.1105, 50.4451

Sweetspot

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



50.1073, 53.1127, 69.2397



89.5805, 94.4846, 108.1237



52.4867, 60.4674, 62.0302



18.9598, 20.0066, 23.1123



0.0000, 0.0000, 0.0000



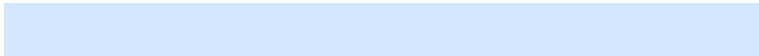
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1073, 53.1127, 69.2397



73.5197, 78.0034, 105.7890



47.6924, 47.7580, 68.3334



11.5791, 12.2485, 14.9976



9.4748, 7.5963, 38.1593



0.6080, 0.5811, 2.1597

Inverse Universe

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



53.1267, 50.7928, 58.0454



79.0408, 73.9100, 85.2867



58.0718, 63.5540, 52.9235



12.0184, 11.8921, 13.3729



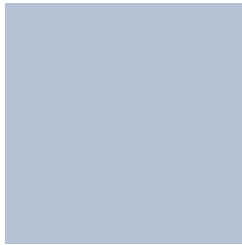
17.4132, 8.8381, 7.0820



1.0131, 0.5100, 0.6038

Previews

White Background



This preview shows how the XYZ color 50.1057, 53.1105, 69.2385 looks on a white background.

Color Contrast Check

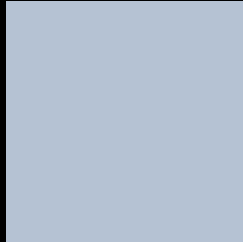
Large Text (above 18pt) WCAG AA × Fail

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 50.1057, 53.1105, 69.2385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

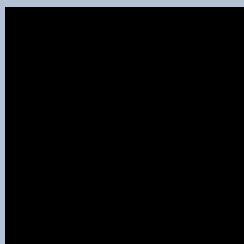
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

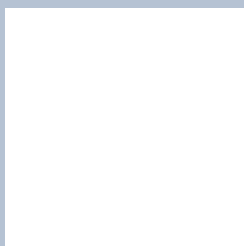
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1057, 53.1105, 69.2385

Background



This preview shows how black text looks on a background with the XYZ color 50.1057, 53.1105, 69.2385.



This preview shows how white text looks on a background with the XYZ color 50.1057, 53.1105,

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

50.1057, 53.1105, 69.2385

Protanopia

51.6253, 52.9414, 67.8194

Deuteranopia

54.0111, 52.8507, 69.6419



Tritanopia

49.9807, 53.0605, 68.5802

Trichromacy



Original Color

50.1057, 53.1105, 69.2385

Protanomaly

50.9760, 52.9172, 68.5001

Deuteranomaly

52.5453, 53.0497, 69.7575

Tritanomaly

49.9807, 53.0605, 68.5802

Monochromacy



Original Color

50.1057, 53.1105, 69.2385

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1178, 52.9548, 61.6126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1057, 53.1105, 69.2385 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, 194, 211)` looks like.

```
.text, #text, p{  
    color:rgb(181, 194, 211)  
}
```

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, 194, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 194, 211) }
```

Border

The CSS property to change the border of an element to XYZ 50.1057, 53.1105, 69.2385 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, 194, 211) }
```


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

```
.border{ border-color:rgb(181, 194, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 194, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 194, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 194, 211);  
box-shadow:4px 4px 4px 4px rgb(181, 194,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1057, 53.1105, 69.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 194, 211) }
```

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

```
.background{ background-color: rgb(181,  
194, 211) }
```

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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