

Converting Colors

XYZ(51.4171, 54.4418, 63.0587)

Have a look what the booklet for
XYZ(51.4171, 54.4418, 63.0587)
contains.

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Color

**XYZ(51.5177, 54.6441,
63.0904)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC4C9
RGB	190, 196, 201
RGB Percent	75%, 77%, 79%
CMY	0.2549, 0.2314, 0.2118
CMYK	0.05, 0.02, 0.00, 0.21
HSL	207°, 9%, 77%
HSV	207°, 5%, 79%
XYZ	51.5177, 54.6441, 63.0904
YIQ	194.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

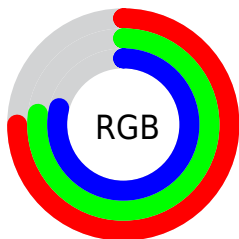
Format	Color
RYB	190, 194, 201
Decimal	12502217
CIELab	78.84, -1.10, -3.23
CIElCh	79, 3.410, 251.103
Yxy	54.6441, 0.3044, 0.3229
Android (android.graphics.Color)	4290692297 (0xFFBEC4C9)
YUV	194.7760, 3.0684, -4.1886
Hunter-Lab	73.9216, -4.9621, 1.1425

Details

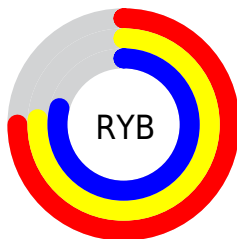
The XYZ color **51.5177, 54.6441, 63.0904** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8967, 55.1646, 56.5757**, and the grayscale version is **51.7243, 54.4180, 59.2612**.

A 20% lighter version of the original color is **91.1813, 97.0634, 108.5371**, and **25.2560, 26.7710, 31.4399** is the 20% darker color. If you saturate the color by 10%, you get **44.8427, 48.2397, 62.2069**, and if you desaturate by 10%, it is **59.0135, 61.6608, 64.0505**.

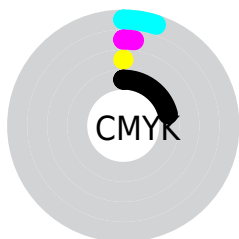
Distribution



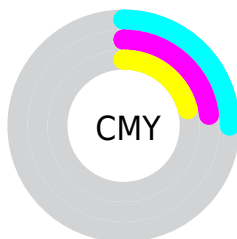
- Red (75%)
- Green (77%)
- Blue (79%)



- Red (75%)
- Yellow (76%)
- Blue (79%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (25%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5177, 54.6441, 63.0904 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 51.5177, 54.6441, 63.0904 by changing the saturation by 10% instead.

■ 51.5177, 54.6441,
63.0904

■ 51.5177, 54.6441,
63.0904

382.9264,
404.5614, 454.0145

■ 36.8435, 39.1168,
45.4729

■ 91.5980, 97.0193,
110.8868

■ 25.2595, 26.8506,
31.4844

117.7348,
124.6361, 141.9027

■ 16.4002, 17.4611,
20.7064

148.4232,
157.0514, 178.2218

■ 9.9004, 10.5638,
12.7204

184.0286,
194.6498, 220.2627

■ 5.3948, 5.7743,
7.1079

224.9162,
237.8156, 268.4438

■ 2.5178, 2.7083,
3.4502

271.4515,

■ 0.9042, 0.9814,

286.9332, 323.1838

1.3288

323.9998,
342.3870, 384.9012

■ 0.0000, 0.0000,
0.0853

■ 0.0000, 0.0000,
0.0000

■ 51.5177, 54.6441,
63.0904

■ 51.5177, 54.6441,
63.0904

■ 44.8427, 48.2397,
62.2069

■ 59.0135, 61.6608,
64.0505

■ 38.9535, 42.4216,
61.3943

■ 67.3542, 69.3007,
65.0856

■ 33.8193, 37.1722,
60.6516

■ 76.5685, 77.5834,
66.1986

■ 29.4053, 32.4699,
59.9766

■ 80.7873, 83.4861,
67.1156

■ 25.6739, 28.2920,
59.3669

■ 83.4322, 88.7759,
67.9973

■ 22.5836, 24.6132,
58.8197

■ 86.2127, 94.3369,
68.9241

■ 20.0881, 21.4059,
58.3321

■ 87.5428, 96.9971,
69.3675

■ 18.1338, 18.6385,
57.9010

■ 16.6554, 16.2733,
57.5224

Harmonies

Analogous

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



50.9642, 54.6441, 61.9794



51.5177, 54.6441, 63.0904



52.1883, 54.6441, 63.2267

Triad

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



51.5177, 54.6441, 63.0904



53.2237, 54.6441, 58.7841



51.0877, 54.6441, 56.7366

Complementary

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



51.5177, 54.6441, 63.0904



52.8967, 55.1646, 56.5757

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.



51.6876, 54.6441, 55.9191



51.5177, 54.6441, 63.0904



52.9233, 54.6441, 57.0840

Square

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



51.5177, 54.6441, 63.0904



53.1772, 54.6441, 60.7121



52.3597, 54.6441, 56.0449



50.7174, 54.6441, 58.3005

Rectangle

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



51.5177, 54.6441, 63.0904



52.6120, 54.6441, 62.7432



52.3597, 54.6441, 56.0449



51.2689, 54.6441, 56.3670

Sweetspot

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



51.5193, 54.6464, 63.0916



92.4639, 97.5764, 108.5685



51.9673, 56.6591, 59.7982



19.8182, 20.9108, 23.2416



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.



51.5193, 54.6464, 63.0916



86.2529, 91.7059, 107.7627



50.3113, 52.2305, 62.6890



10.8049, 11.4947, 13.5667



10.2071, 9.8080, 36.0995



0.5550, 0.6079, 1.7332

Inverse Universe

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



52.4658, 53.2308, 59.7367



88.3395, 88.6240, 100.3586



54.1411, 57.6534, 56.9905



11.0821, 11.0865, 12.5826



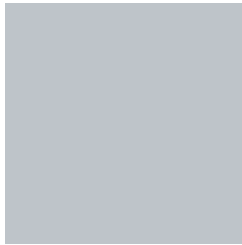
16.9514, 8.5301, 10.2198



0.8388, 0.4184, 0.6745

Previews

White Background



This preview shows how the XYZ color 51.5177, 54.6441, 63.0904 looks on a white background.

Color Contrast Check

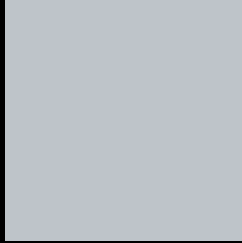
Large Text (above 18pt) WCAG AA × Fail

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 51.5177, 54.6441, 63.0904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

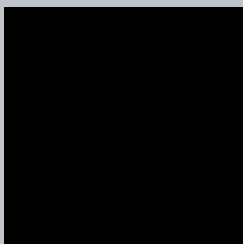
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

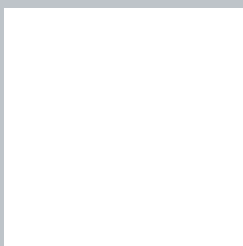
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5177, 54.6441, 63.0904

Background



This preview shows how black text looks on a background with the XYZ color 51.5177, 54.6441, 63.0904.

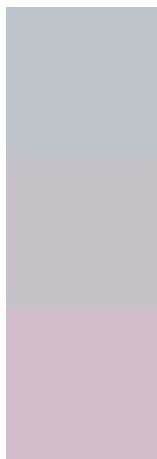


This preview shows how white text looks on a background with the XYZ color 51.5177, 54.6441,

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

51.5177, 54.6441, 63.0904

Protanopia

52.7431, 54.6240, 62.4072

Deuteranopia

55.7222, 54.5083, 63.4614



Tritanopia

52.6338, 54.7597, 68.7684

Trichromacy



Original Color

51.5177, 54.6441, 63.0904

Protanomaly

52.1886, 54.6697, 62.4453

Deuteranomaly

54.1389, 54.6601, 63.5741

Tritanomaly

52.2634, 54.6116, 66.8180

Monochromacy



Original Color

51.5177, 54.6441, 63.0904

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.5855, 54.3989, 60.6045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5177, 54.6441, 63.0904 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(190, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(190, 196, 201)  
}
```

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(190, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 196, 201) }
```

Border

The CSS property to change the border of an element to XYZ 51.5177, 54.6441, 63.0904 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(190, 196, 201) }
```


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

```
.border{ border-color:rgb(190, 196, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 196, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(190, 196,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5177, 54.6441, 63.0904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 196, 201) }
```

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

```
.background{ background-color: rgb(190,  
196, 201) }
```

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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