

Converting Colors

XYZ(51.3838, 54.4699, 64.1147)

Have a look what the booklet for
XYZ(51.3838, 54.4699, 64.1147)
contains.

XYZ(51.5057, 54.6105, 64.3261)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.5057, 54.6105,
64.3261)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC4CB
RGB	189, 196, 203
RGB Percent	74%, 77%, 80%
CMY	0.2588, 0.2314, 0.2039
CMYK	0.07, 0.03, 0.00, 0.20
HSL	210°, 12%, 77%
HSV	210°, 7%, 80%
XYZ	51.5057, 54.6105, 64.3261
YIQ	194.7050, -6.4190, 0.6930

Conversions

Conversions Part 2

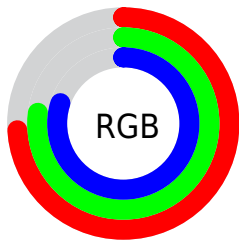
Format	Color
RYB	189, 194, 203
Decimal	12436683
CIELab	78.82, -1.05, -4.34
CIELCh	79, 4.467, 256.375
Yxy	54.6105, 0.3022, 0.3204
Android (android.graphics.Color)	4290626763 (0xFFBDC4CB)
YUV	194.7050, 4.0894, -5.0033
Hunter-Lab	73.8989, -4.9131, 0.1196

Details

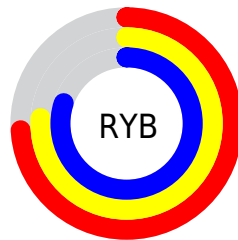
The XYZ color **51.5057, 54.6105, 64.3261** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5540, 55.8500, 56.1026**, and the grayscale version is **51.6768, 54.3680, 59.2067**.

A 20% lighter version of the original color is **90.8315, 96.8830, 108.5207**, and **25.2512, 26.7502, 32.2662** is the 20% darker color. If you saturate the color by 10%, you get **44.6071, 47.7724, 63.3706**, and if you desaturate by 10%, it is **59.2671, 62.1261, 65.3685**.

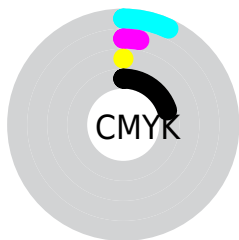
Distribution



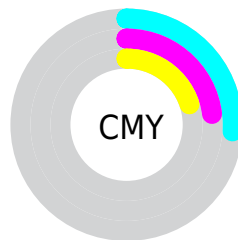
- Red (74%)
- Green (77%)
- Blue (80%)



- Red (74%)
- Yellow (76%)
- Blue (80%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (26%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5057, 54.6105, 64.3261 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 51.5057, 54.6105, 64.3261 by changing the saturation by 10% instead.

■ 51.5057, 54.6105,
64.3261

■ 51.5057, 54.6105,
64.3261

382.8807,
404.4338, 458.6060

■ 36.8339, 39.0900,
46.4670

■ 91.5804, 96.9700,
112.6844

■ 25.2520, 26.8297,
32.2632

117.7140,
124.5778, 144.0207

■ 16.3946, 17.4454,
21.2961

148.3989,
156.9835, 180.6864

■ 9.8965, 10.5525,
13.1473

184.0005,
194.5714, 223.1002

■ 5.3921, 5.7668,
7.3981

224.8841,
237.7260, 271.6805

■ 2.5162, 2.7038,
3.6301

271.4151,

■ 0.9034, 0.9791,

286.8317, 326.8459

1.4247

323.9589,
342.2728, 389.0149

■ 0.0000, 0.0000,
0.1609

■ 0.0000, 0.0000,
0.0000

■ 51.5057, 54.6105,
64.3261

■ 51.5057, 54.6105,
64.3261

■ 44.6071, 47.7724,
63.3706

■ 59.2671, 62.1261,
65.3685

■ 38.5344, 41.5837,
62.4962

■ 67.9168, 70.3324,
66.4966

■ 33.2548, 36.0246,
61.7014

■ 77.4853, 79.2507,
67.7137

■ 28.7316, 31.0711,
60.9837

■ 82.1843, 85.9011,
68.7497

■ 24.9249, 26.6979,
60.3402

■ 85.1985, 91.9297,
69.7545

■ 21.7905, 22.8769,
59.7679

■ 87.7796, 97.0919,
70.6148

■ 19.2792, 19.5775,
59.2634

■ 17.3337, 16.7646,
58.8230

■ 15.8791, 14.3936,
58.4420

Harmonies

Analogous

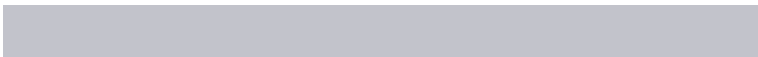
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.7401, 54.6105, 63.0605



51.5057, 54.6105, 64.3261



52.3870, 54.6105, 64.2623

Triad

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



51.5057, 54.6105, 64.3261



53.5559, 54.6105, 58.0978



50.6832, 54.6105, 56.1613

Complementary

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



51.5057, 54.6105, 64.3261



53.5540, 55.8500, 56.1026

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.



51.4273, 54.6105, 54.9060



51.5057, 54.6105, 64.3261



53.0889, 54.6105, 56.0022

Square

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



51.5057, 54.6105, 64.3261



53.5775, 54.6105, 60.6173



52.3076, 54.6105, 54.8486



50.2689, 54.6105, 58.3206

Rectangle

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



51.5057, 54.6105, 64.3261



52.9217, 54.6105, 63.4735



52.3076, 54.6105, 54.8486



50.9027, 54.6105, 55.6223

Sweetspot

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



51.5073, 54.6128, 64.3273



92.3908, 97.4300, 108.5441



52.2803, 57.5065, 60.4307



19.8033, 20.8811, 23.2366



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.



51.5073, 54.6128, 64.3273



84.7723, 90.0008, 107.5117



50.0145, 51.6272, 63.8297



11.0576, 11.7557, 14.2566



9.9466, 8.9171, 37.1532



0.5890, 0.6118, 1.9420

Inverse Universe

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



52.7912, 53.0783, 59.6900



87.2855, 87.0285, 98.4276



55.1156, 58.9732, 56.6231



11.4424, 11.3057, 12.8645



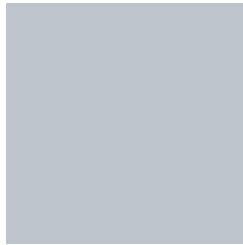
17.2315, 8.7032, 8.9375



0.9273, 0.4643, 0.6628

Previews

White Background



This preview shows how the XYZ color 51.5057, 54.6105, 64.3261 looks on a white background.

Color Contrast Check

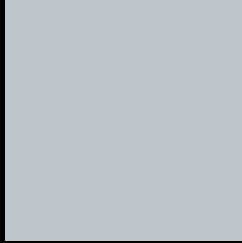
Large Text (above 18pt) WCAG AA × Fail

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 51.5057, 54.6105, 64.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

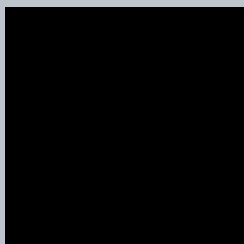
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

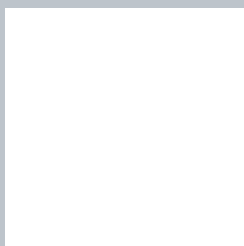
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5057, 54.6105, 64.3261

Background



This preview shows how black text looks on a background with the XYZ color 51.5057, 54.6105, 64.3261.

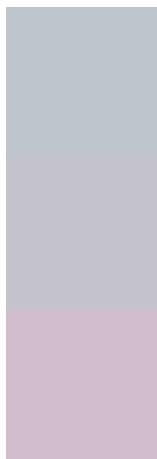


This preview shows how white text looks on a background with the XYZ color 51.5057, 54.6105,

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

51.5057, 54.6105, 64.3261

Protanopia

52.7174, 54.5836, 63.6343

Deuteranopia

55.6750, 54.4565, 64.7035



Tritanopia

52.3832, 54.6305, 68.7566

Trichromacy



Original Color

51.5057, 54.6105, 64.3261

Protanomaly

52.1681, 54.6319, 63.6726

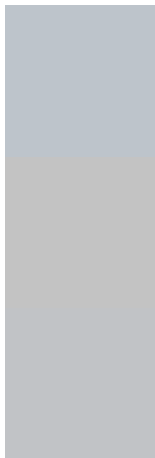
Deuteranomaly

54.1058, 54.6155, 64.8169

Tritanomaly

52.0128, 54.4824, 66.8063

Monochromacy



Original Color

51.5057, 54.6105, 64.3261

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7005, 54.4449, 61.2101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5057, 54.6105, 64.3261 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(189, 196, 203) looks like.

```
.text, #text, p{  
    color:rgb(189, 196, 203)  
}
```

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(189, 196, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 196, 203) }
```

Border

The CSS property to change the border of an element to XYZ 51.5057, 54.6105, 64.3261 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(189, 196, 203) }
```


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

```
.border{ border-color:rgb(189, 196, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 196, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 196, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 196, 203);  
box-shadow:4px 4px 4px 4px rgb(189, 196,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5057, 54.6105, 64.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 196, 203) }
```

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

```
.background{ background-color: rgb(189,  
196, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor