

Converting Colors

XYZ(51.9246, 54.6146, 67.7492)

Have a look what the booklet for
XYZ(51.9246, 54.6146, 67.7492)
contains.

XYZ(51.8641, 54.7253, 67.5040)	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(51.8641, 54.7253,
67.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC4D0
RGB	188, 196, 208
RGB Percent	74%, 77%, 82%
CMY	0.2627, 0.2314, 0.1843
CMYK	0.10, 0.06, 0.00, 0.18
HSL	216°, 18%, 78%
HSV	216°, 10%, 82%
XYZ	51.8641, 54.7253, 67.5040
YIQ	194.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

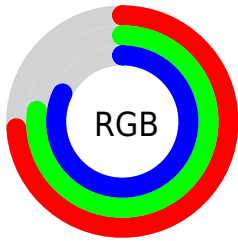
Format	Color
R _Y B	188, 194, 208
Decimal	12371152
CIE Lab	78.88, -0.40, -6.95
CIE LCh	79, 6.958, 266.744
Yxy	54.7253, 0.2979, 0.3143
Android (android.graphics.Color)	4290561232 (0xFFBCC4D0)
YUV	194.9760, 6.4208, -6.1180
Hunter-Lab	73.9766, -4.3147, -2.3189

Details

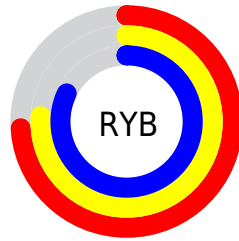
The XYZ color **51.8641, 54.7253, 67.5040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7439, 58.3488, 55.9022**, and the grayscale version is **51.8254, 54.5244, 59.3771**.

A 20% lighter version of the original color is **90.4835, 96.7037, 108.5044**, and **25.4974, 26.8300, 34.4067** is the 20% darker color. If you saturate the color by 10%, you get **44.4068, 46.8766, 66.3830**, and if you desaturate by 10%, it is **60.2972, 63.4274, 68.7401**.

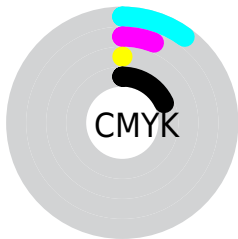
Distribution



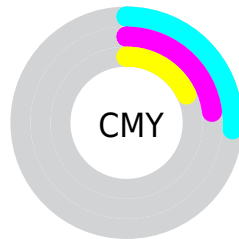
- Red (74%)
- Green (77%)
- Blue (82%)



- Red (74%)
- Yellow (76%)
- Blue (82%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8641, 54.7253, 67.5040 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 51.8641, 54.7253, 67.5040 by changing the saturation by 10% instead.

■ 51.8641, 54.7253,
67.5040

■ 51.8641, 54.7253,
67.5040

384.2443,
404.8698, 470.2869

■ 37.1206, 39.1818,
49.0302

■ 92.1062, 97.1384,
117.2898

■ 25.4750, 26.9012,
34.2776

118.3355,
124.7767, 149.4388

■ 16.5619, 17.4990,
22.8279

149.1241,
157.2155, 186.9833

■ 10.0160, 10.5909,
14.2624

184.8374,
194.8392, 230.3418

■ 5.4719, 5.7925,
8.1625

225.8407,
238.0320, 279.9329

■ 2.5643, 2.7193,
4.1099

272.4994,

■ 0.9278, 0.9870,

287.1785, 336.1751

1.6858

325.1788,
342.6629, 399.4869

■ 0.0000, 0.0000,
0.3510

■ 0.0000, 0.0000,
0.0000

■ 51.8641, 54.7253,
67.5040

■ 51.8641, 54.7253,
67.5040

■ 44.4068, 46.8766,
66.3830

■ 60.2972, 63.4274,
68.7401

■ 37.8834, 39.8470,
65.3699

■ 69.7362, 73.0022,
70.0907

■ 32.2558, 33.6095,
64.4626

■ 80.2161, 83.4770,
71.5602

■ 27.4815, 28.1331,
63.6571

■ 85.5543, 91.6721,
72.8606

■ 23.5143, 23.3844,
62.9496

■ 88.3853, 97.3341,
73.8043

■ 20.3029, 19.3271,
62.3358

■ 17.7898, 15.9211,
61.8108

■ 15.9077, 13.1206,
61.3694

■ 14.5434, 10.8554,
61.0041

Harmonies

Analogous

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



50.5725, 54.7253, 66.1730



51.8641, 54.7253, 67.5040



53.2185, 54.7253, 66.6373

Triad

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



51.8641, 54.7253, 67.5040



54.4217, 54.7253, 56.2303



49.8263, 54.7253, 55.5137

Complementary

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



51.8641, 54.7253, 67.5040



55.7439, 58.3488, 55.9022

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.



50.8293, 54.7253, 53.0516



51.8641, 54.7253, 67.5040



53.4842, 54.7253, 53.4523

Square

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



51.8641, 54.7253, 67.5040



54.7104, 54.7253, 60.0195



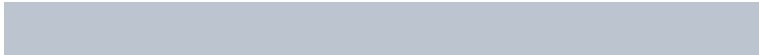
52.1657, 54.7253, 52.3137



49.4091, 54.7253, 59.1557

Rectangle

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



51.8641, 54.7253, 67.5040



53.9722, 54.7253, 64.9498



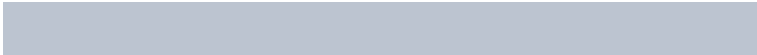
52.1657, 54.7253, 52.3137



50.1052, 54.7253, 54.5269

Sweetspot

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



51.8657, 54.7276, 67.5052



90.8448, 95.6849, 108.2887



53.6822, 59.9586, 63.1842



19.2093, 20.2382, 23.1439



0.0000, 0.0000, 0.0000



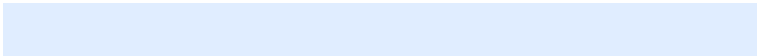
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8657, 54.7276, 67.5052



79.0960, 83.4941, 106.5549



50.5213, 51.4257, 66.9387



11.5464, 12.1830, 14.9866



9.1237, 6.8939, 38.0423



0.5869, 0.5390, 2.1527

Inverse Universe

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



53.9607, 53.3629, 59.6833



83.2375, 80.8803, 91.0733



57.1801, 61.9131, 56.5145



12.0019, 11.8855, 13.2859



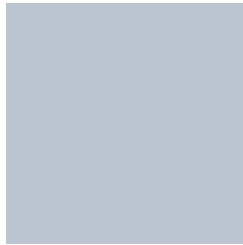
17.2359, 8.7672, 6.1486



1.0025, 0.5057, 0.5479

Previews

White Background



This preview shows how the XYZ color 51.8641, 54.7253, 67.5040 looks on a white background.

Color Contrast Check

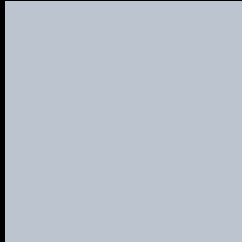
Large Text (above 18pt) WCAG AA × Fail

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 51.8641, 54.7253, 67.5040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

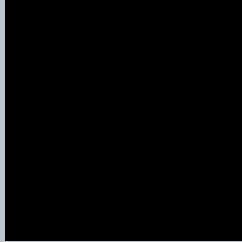
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8641, 54.7253, 67.5040

Background



This preview shows how black text looks on a background with the XYZ color 51.8641, 54.7253, 67.5040.

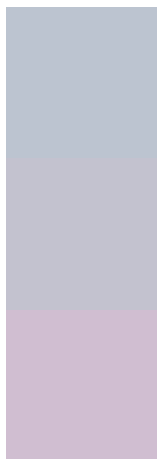


This preview shows how white text looks on a background with the XYZ color 51.8641, 54.7253,

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

51.8641, 54.7253, 67.5040

Protanopia

53.0599, 54.6907, 66.7913

Deuteranopia

55.9345, 54.8403, 67.9588



Tritanopia

52.4841, 55.0018, 69.4782

Trichromacy



Original Color

51.8641, 54.7253, 67.5040

Protanomaly

52.5158, 54.7417, 66.8298

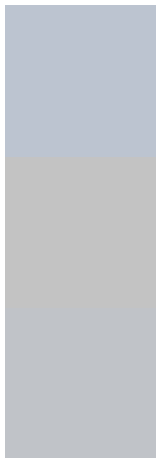
Deuteranomaly

54.4457, 54.7202, 68.0141

Tritanomaly

52.3591, 54.9518, 68.8199

Monochromacy



Original Color

51.8641, 54.7253, 67.5040

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6787, 54.4068, 62.4214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8641, 54.7253, 67.5040 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(188, 196, 208)` looks like.

```
.text, #text, p{  
    color:rgb(188, 196, 208)  
}
```

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(188, 196, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 196, 208) }
```

Border

The CSS property to change the border of an element to XYZ 51.8641, 54.7253, 67.5040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

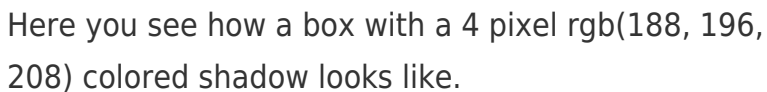
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 196, 208) }
```


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

```
.border{ border-color:rgb(188, 196, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 196, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 196, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 196, 208); box-shadow:4px 4px 4px 4px rgb(188, 196, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8641, 54.7253, 67.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 196, 208) }
```

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

```
.background{ background-color: rgb(188,  
196, 208) }
```

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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