

Converting Colors

XYZ(51.4174, 54.7488, 66.4574)

Have a look what the booklet for
XYZ(51.4174, 54.7488, 66.4574)
contains.

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Color

**XYZ(51.3565, 54.8278,
66.2686)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC5CE
RGB	186, 197, 206
RGB Percent	73%, 77%, 81%
CMY	0.2706, 0.2274, 0.1922
CMYK	0.10, 0.04, 0.00, 0.19
HSL	207°, 17%, 77%
HSV	207°, 10%, 81%
XYZ	51.3565, 54.8278, 66.2686
YIQ	194.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

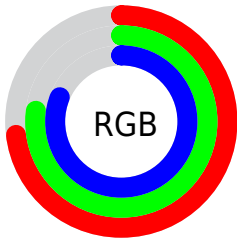
Format	Color
R _Y B	186, 193, 206
Decimal	12240334
CIE Lab	78.94, -1.99, -5.80
CIE LCh	79, 6.129, 251.076
Yxy	54.8278, 0.2978, 0.3179
Android (android.graphics.Color)	4290430414 (0xFFBAC5CE)
YUV	194.7370, 5.5527, -7.6623
Hunter-Lab	74.0458, -5.7766, -1.2306

Details

The XYZ color **51.3565, 54.8278, 66.2686** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8319, 55.6969, 54.3686**, and the grayscale version is **51.6886, 54.3804, 59.2203**.

A 20% lighter version of the original color is **90.1098, 96.9809, 108.5776**, and **25.1628, 26.8985, 33.5715** is the 20% darker color. If you saturate the color by 10%, you get **44.6686, 48.3530, 65.3722**, and if you desaturate by 10%, it is **58.8985, 61.9379, 67.2443**.

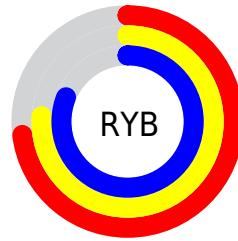
Distribution



Red (73%)

Green (77%)

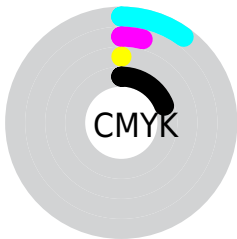
Blue (81%)



Red (73%)

Yellow (76%)

Blue (81%)

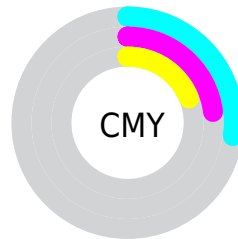


Cyan (10%)

Magenta (4%)

Yellow (0%)

Black (19%)



Cyan (27%)

Magenta (23%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3565, 54.8278, 66.2686 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 51.3565, 54.8278, 66.2686 by changing the saturation by 10% instead.

■ 51.3565, 54.8278,
66.2686

■ 51.3565, 54.8278,
66.2686

382.3122,
405.2588, 465.7673

■ 36.7146, 39.2639,
48.0326

■ 91.3614, 97.2886,
115.5024

■ 25.1593, 26.9651,
33.4925

117.4551,
124.9543, 147.3374

■ 16.3251, 17.5470,
22.2298

148.0967,
157.4227, 184.5424

■ 9.8468, 10.6252,
13.8259

183.6517,
195.0781, 227.5360

■ 5.3590, 5.8154,
7.8623

224.4854,
238.3051, 276.7367

■ 2.4963, 2.7332,
3.9205

270.9632,

■ 0.8934, 0.9941,

287.4879, 332.5632

1.5818

323.4503,
343.0110, 395.4339

■ 0.0000, 0.0000,
0.2778

■ 0.0000, 0.0000,
0.0000

■ 51.3565, 54.8278,
66.2686

■ 51.3565, 54.8278,
66.2686

■ 44.6686, 48.3530,
65.3722

■ 58.8985, 61.9379,
67.2443

■ 38.7969, 42.4862,
64.5493

■ 67.3209, 69.6957,
68.2978

■ 33.7078, 37.2079,
63.7987

■ 76.6547, 78.1220,
69.4323

■ 29.3632, 32.4950,
63.1180

■ 81.8243, 84.6034,
70.4109

■ 25.7215, 28.3221,
62.5045

■ 84.5332, 90.0211,
71.3138

■ 22.7368, 24.6619,
61.9553

■ 87.3821, 95.7190,
72.2635

■ 20.3570, 21.4834,
61.4672

■ 88.1407, 97.2363,
72.5164

■ 18.5208, 18.7510,
61.0366

■ 17.1206, 16.4049,
60.6575

Harmonies

Analogous

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



50.3670, 54.8278, 64.2134



51.3565, 54.8278, 66.2686



52.5633, 54.8278, 66.5236

Triad

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



51.3565, 54.8278, 66.2686



54.4439, 54.8278, 58.4192



50.5888, 54.8278, 54.7845

Complementary

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



51.3565, 54.8278, 66.2686



53.8319, 55.6969, 54.3686

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.



51.6637, 54.8278, 53.3563



51.3565, 54.8278, 66.2686



53.8972, 54.8278, 55.3997

Square

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



51.3565, 54.8278, 66.2686



54.3585, 54.8278, 61.8994



52.8752, 54.8278, 53.5770



49.9286, 54.8278, 57.5497

Rectangle

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



51.3565, 54.8278, 66.2686



53.3301, 54.8278, 65.6275



52.8752, 54.8278, 53.5770



50.9129, 54.8278, 54.1371

Sweetspot

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



51.3581, 54.8301, 66.2698



91.2033, 96.4017, 108.4082



52.1346, 58.5077, 59.9786



19.3059, 20.4316, 23.1761



0.0000, 0.0000, 0.0000



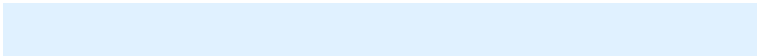
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3581, 54.8301, 66.2698



80.4393, 86.1807, 107.0027



49.2323, 50.5786, 65.5612



11.1048, 11.8500, 14.2724



10.6170, 10.2581, 37.3767



0.6229, 0.6795, 1.9533

Inverse Universe

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



53.0918, 52.2719, 60.1172



83.9155, 81.1515, 94.6438



56.0691, 60.1713, 55.1143



11.4662, 11.3152, 12.9898



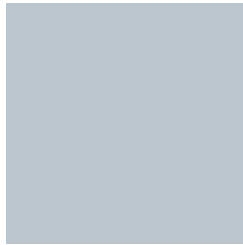
17.5699, 8.8385, 10.7197



0.9443, 0.4711, 0.7527

Previews

White Background



This preview shows how the XYZ color 51.3565, 54.8278, 66.2686 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 51.3565, 54.8278, 66.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

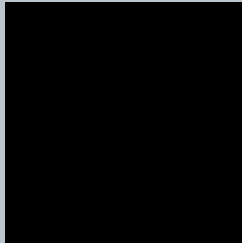
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

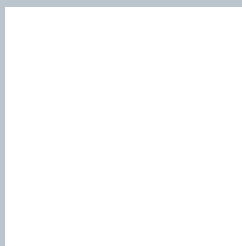
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3565, 54.8278, 66.2686

Background



This preview shows how black text looks on a background with the XYZ color 51.3565, 54.8278, 66.2686.



This preview shows how white text looks on a background with the XYZ color 51.3565, 54.8278,

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

51.3565, 54.8278, 66.2686

Protanopia

52.9558, 54.6790, 64.8898

Deuteranopia

55.9704, 54.8872, 66.6758



Tritanopia

52.1171, 54.7981, 70.1176

Trichromacy



Original Color

51.3565, 54.8278, 66.2686

Protanomaly

52.2728, 54.6445, 65.5500

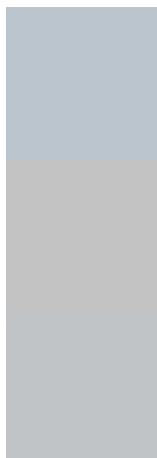
Deuteranomaly

54.4198, 55.0624, 66.7914

Tritanomaly

51.8663, 54.6978, 68.7969

Monochromacy



Original Color

51.3565, 54.8278, 66.2686

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7870, 54.8098, 61.8827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3565, 54.8278, 66.2686 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(186, 197, 206) looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 197, 206) }
```

Border

The CSS property to change the border of an element to XYZ 51.3565, 54.8278, 66.2686 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(186, 197, 206) }
```


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

```
.border{ border-color:rgb(186, 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(186, 197, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(186, 197,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3565, 54.8278, 66.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 197, 206) }
```

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

```
.background{ background-color: rgb(186,  
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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