

# Converting Colors

XYZ(52.5108, 57.1364, 66.6533)

Have a look what the booklet for  
XYZ(52.5108, 57.1364, 66.6533)  
contains.

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# Color

**XYZ(52.5108, 57.1364,  
66.6533)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BACACE
RGB	186, 202, 206
RGB Percent	73%, 79%, 81%
CMY	0.2706, 0.2078, 0.1922
CMYK	0.10, 0.02, 0.00, 0.19
HSL	192°, 17%, 77%
HSV	192°, 10%, 81%
XYZ	52.5108, 57.1364, 66.6533
YIQ	197.6720, -10.8200, -2.1480

# Conversions

## Conversions Part 2

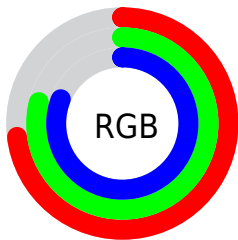
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 195, 206
Decimal	12241614
CIE Lab	80.26, -4.62, -3.86
CIE LCh	80, 6.023, 219.846
Yxy	57.1364, 0.2978, 0.3241
Android (android.graphics.Color)	4290431694 (0xFFBACACE)
YUV	197.6720, 4.1057, -10.2363
Hunter-Lab	75.5886, -8.2776, 0.6307

# Details

The XYZ color **52.5108, 57.1364, 66.6533** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7302, 53.4935, 54.0014**, and the grayscale version is **53.4594, 56.2434, 61.2491**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **25.9303, 28.4334, 33.8273** is the 20% darker color. If you saturate the color by 10%, you get **46.9099, 52.8356, 66.1193**, and if you desaturate by 10%, it is **58.8623, 61.8655, 67.2322**.

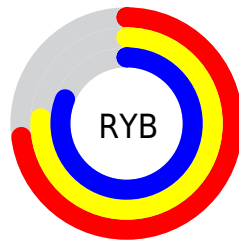
# Distribution



Red (73%)

Green (79%)

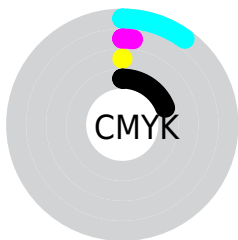
Blue (81%)



Red (73%)

Yellow (76%)

Blue (81%)

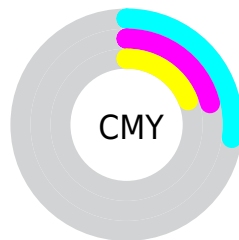


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (19%)



Cyan (27%)

Magenta (21%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5108, 57.1364, 66.6533 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 52.5108, 57.1364, 66.6533 by changing the saturation by 10% instead.



■ 52.5108, 57.1364,  
66.6533

■ 52.5108, 57.1364,  
66.6533

386.6971,  
413.9602, 467.1775

■ 37.6383, 41.1148,  
48.3431

■ 93.0539, 100.6642,  
116.0594

■ 25.8780, 28.4088,  
33.7368

119.4552,  
128.9391, 147.9924

■ 16.8646, 18.6340,  
22.4157

150.4302,  
162.0673, 185.3034

■ 10.2327, 11.4061,  
13.9615

186.3441,  
200.4331, 228.4110

■ 5.6170, 6.3407,  
7.9554

227.5624,  
244.4208, 277.7336

■ 2.6520, 3.0533,  
3.9791

274.4505,

■ 0.9725, 1.1596,

294.4150, 333.6899

1.6139

327.3736,  
350.8000, 396.6984

■ 0.0000, 0.0284,  
0.3007

■ 0.0000, 0.0000,  
0.0000

■ 52.5108, 57.1364,  
66.6533

■ 52.5108, 57.1364,  
66.6533

■ 46.9099, 52.8356,  
66.1193

■ 58.8623, 61.8655,  
67.2322

■ 42.0237, 48.9397,  
65.6248

■ 65.9885, 67.0309,  
67.8537

■ 37.8207, 45.4336,  
65.1696

■ 73.9185, 72.6496,  
68.5202

■ 34.2650, 42.2987,  
64.7519

■ 77.5747, 76.1042,  
68.9943

■ 31.3176, 39.5143,  
64.3698

■ 78.6586, 78.2721,  
69.3556

■ 28.9348, 37.0578,  
64.0212

■ 79.7693, 80.4935,  
69.7259

■ 27.0669, 34.9032,  
63.7038

■ 80.9069, 82.7687,  
70.1051

■ 25.6553, 33.0199,  
63.4147

■ 82.0716, 85.0981,  
70.4933

■ 24.5949, 31.3535,  
63.1489

■ 83.2636, 87.4821,  
70.8906

# Harmonies

## Analogous

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



52.0094, 57.1364, 63.3772



52.5108, 57.1364, 66.6533



53.4956, 57.1364, 68.7894

# Triad

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



52.5108, 57.1364, 66.6533



56.5570, 57.1364, 64.5748



53.9030, 57.1364, 55.7741

# Complementary

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



52.5108, 57.1364, 66.6533



52.7302, 53.4935, 54.0014

# 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.



55.1254, 57.1364, 56.0675



52.5108, 57.1364, 66.6533



56.6701, 57.1364, 61.0608

# Square

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



52.5108, 57.1364, 66.6533



55.8359, 57.1364, 67.5584



56.1425, 57.1364, 57.9722



52.8052, 57.1364, 57.1551

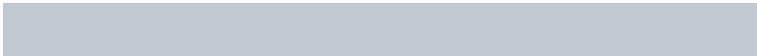


# Rectangle

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



52.5108, 57.1364, 66.6533



54.3001, 57.1364, 69.2338



56.1425, 57.1364, 57.9722



54.3128, 57.1364, 55.6814

# Sweetspot

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



52.5124, 57.1388, 66.6546



91.8055, 97.6063, 108.6090



51.5798, 58.2858, 57.0571



19.4687, 20.7572, 23.2304



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.



52.5124, 57.1388, 66.6546



82.7547, 90.8114, 107.7745



50.3141, 52.7421, 65.9218



11.3454, 12.3313, 14.3526



15.1964, 19.4168, 38.9031



0.8337, 1.1011, 2.0235



# Inverse Universe

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



53.6744, 52.5050, 63.1855



85.0842, 81.6189, 100.7979



54.8946, 57.8222, 54.7229



11.5877, 11.3638, 13.6295



19.8813, 9.7631, 22.8916

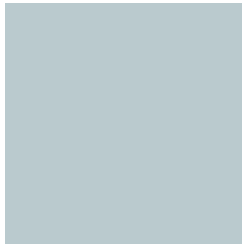


1.0507, 0.5137, 1.3130



# Previews

## White Background



This preview shows how the XYZ color 52.5108, 57.1364, 66.6533 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

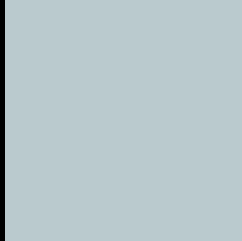
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 52.5108, 57.1364, 66.6533 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

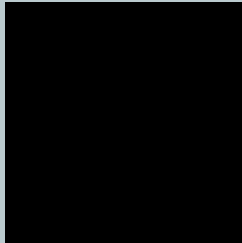
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

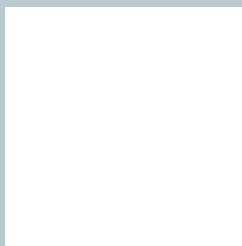
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 52.5108, 57.1364, 66.6533**

## **Background**



This preview shows how black text looks on a background with the XYZ color 52.5108, 57.1364, 66.6533.



This preview shows how white text looks on a background with the XYZ color 52.5108, 57.1364,



# 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

52.5108, 57.1364, 66.6533

### Protanopia

55.0610, 57.1175, 64.6227

### Deuteranopia

58.1867, 56.9901, 67.6079



## Tritanopia

53.7880, 56.9578, 73.1248

# Trichromacy



## Original Color

52.5108, 57.1364, 66.6533

## Protanomaly

54.0875, 56.9422, 65.2670

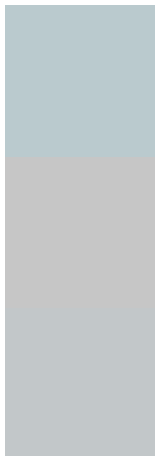
## Deuteranomaly

55.9043, 56.8222, 67.0528

## Tritanomaly

53.2638, 57.0916, 70.4998

# Monochromacy



## Original Color

52.5108, 57.1364, 66.6533

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

53.2142, 56.5332, 63.3657

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.5108, 57.1364, 66.6533 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, 202, 206) looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 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, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 206) }
```

## Border

The CSS property to change the border of an element to XYZ 52.5108, 57.1364, 66.6533 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, 202, 206) }
```



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

```
.border{ border-color:rgb(186, 202, 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, 202, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 206);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
206) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.5108, 57.1364, 66.6533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 206) }
```

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

```
.background{ background-color: rgb(186,  
202, 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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