

Converting Colors

XYZ(53.3650, 57.9966, 64.9933)

Have a look what the booklet for
XYZ(53.3650, 57.9966, 64.9933)
contains.

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Color

**XYZ(53.3706, 57.9708,
64.8765)**

Conversions

Conversions Part 1

Format	Color
Hex	BECBCB
RGB	190, 203, 203
RGB Percent	75%, 80%, 80%
CMY	0.2549, 0.2039, 0.2039
CMYK	0.06, 0.00, 0.00, 0.20
HSL	180°, 11%, 77%
HSV	180°, 6%, 80%
XYZ	53.3706, 57.9708, 64.8765
YIQ	199.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

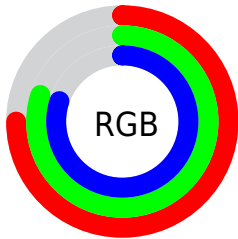
Format	Color
R_{YB}	190, 197, 203
Decimal	12504011
CIE Lab	80.72, -4.41, -1.53
CIE LCh	81, 4.666, 199.174
Yxy	57.9708, 0.3029, 0.3290
Android (android.graphics.Color)	4290694091 (0xFFBECBCB)
YUV	199.1130, 1.9163, -7.9921
Hunter-Lab	76.1386, -8.1199, 2.7769

Details

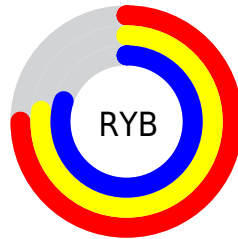
The XYZ color **53.3706, 57.9708, 64.8765** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3384, 53.2426, 56.2361**, and the grayscale version is **54.3486, 57.1790, 62.2679**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **26.4888, 28.9832, 32.6320** is the 20% darker color. If you saturate the color by 10%, you get **48.6491, 55.5384, 64.6537**, and if you desaturate by 10%, it is **58.8017, 60.7721, 65.1349**.

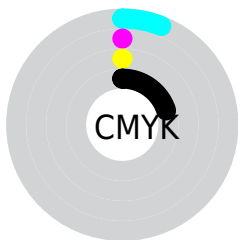
Distribution



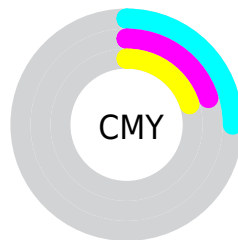
- Red (75%)
- Green (80%)
- Blue (80%)



- Red (75%)
- Yellow (77%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3706, 57.9708, 64.8765 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 53.3706, 57.9708, 64.8765 by changing the saturation by 10% instead.

■ 53.3706, 57.9708,
64.8765

■ 53.3706, 57.9708,
64.8765

389.9430,
417.0771, 460.6421

■ 38.3274, 41.7852,
46.9102

■ 94.3118, 101.8803,
113.4839

■ 26.4152, 28.9331,
32.6109

120.9405,
130.3730, 144.9620

■ 17.2688, 19.0302,
21.5598

152.1617,
163.7369, 181.7813

■ 10.5228, 11.6921,
13.3386

188.3408,
202.3563, 224.3601

■ 5.8119, 6.5344,
7.5287

229.8431,
246.6156, 273.1170

■ 2.7706, 3.1727,
3.7115

277.0340,

■ 1.0336, 1.2225,

296.8992, 328.4707

1.4684

330.2788,
353.5916, 390.8395

■ 0.0000, 0.0800,
0.1942

■ 0.0000, 0.0000,
0.0000

■ 53.3706, 57.9708,
64.8765

■ 53.3706, 57.9708,
64.8765

■ 48.6491, 55.5384,
64.6537

■ 58.8017, 60.7721,
65.1349

■ 44.6032, 53.4528,
64.4613

■ 64.9646, 63.9492,
65.4264

■ 41.2034, 51.7002,
64.2992

■ 71.8871, 67.5178,
65.7534

■ 38.4164, 50.2635,
64.1657

■ 73.3790, 68.2869,
65.8262

36.2057, 49.1239,
64.0592

73.3796, 68.2871,
65.8293

34.5310, 48.2606,
63.9778

73.3802, 68.2873,
65.8324

33.3467, 47.6502,
63.9193

73.3808, 68.2876,
65.8354

32.6000, 47.2653,
63.8813

73.3814, 68.2878,
65.8385

32.2228, 47.0709,
63.8606

73.3819, 68.2880,
65.8416

Harmonies

Analogous

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



53.3024, 57.9708, 62.1305



53.3706, 57.9708, 64.8765



53.8989, 57.9708, 67.2149

Triad

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



53.3706, 57.9708, 64.8765



56.5112, 57.9708, 66.6478



55.4477, 57.9708, 58.0582

Complementary

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



53.3706, 57.9708, 64.8765



52.3384, 53.2426, 56.2361

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.



56.3178, 57.9708, 59.1956



53.3706, 57.9708, 64.8765



56.9366, 57.9708, 64.1207

Square

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



53.3706, 57.9708, 64.8765



55.7093, 57.9708, 68.2579



56.8654, 57.9708, 61.3962



54.4941, 57.9708, 58.2473

Rectangle

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



53.3706, 57.9708, 64.8765



54.4444, 57.9708, 68.2029



56.8654, 57.9708, 61.3962



55.7598, 57.9708, 58.2968

Sweetspot

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



53.3723, 57.9733, 64.8778



93.1983, 99.0454, 108.8123



51.9412, 57.4071, 57.0591



19.9677, 21.2098, 23.2912



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.



53.3723, 57.9733, 64.8778



87.9382, 96.3338, 108.5630



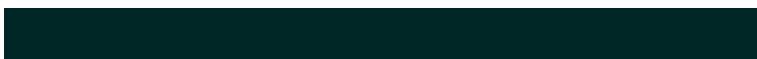
51.9183, 55.0647, 64.3950



11.5432, 12.7270, 14.4179



20.4472, 29.9242, 40.6354



1.0549, 1.5438, 2.0965

Inverse Universe

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



52.3384, 53.2426, 56.2361



85.7723, 86.4232, 90.4590



53.7288, 56.0241, 56.6979



11.2125, 11.2137, 11.6535



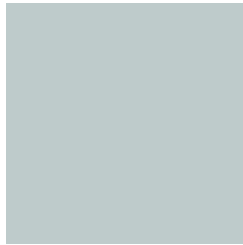
15.6737, 8.0801, 0.7347



0.8086, 0.4169, 0.0381

Previews

White Background



This preview shows how the XYZ color 53.3706, 57.9708, 64.8765 looks on a white background.

Color Contrast Check

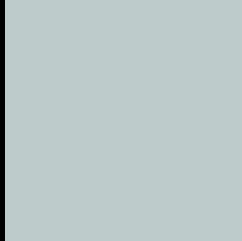
Large Text (above 18pt) WCAG AA × Fail

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 53.3706, 57.9708, 64.8765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

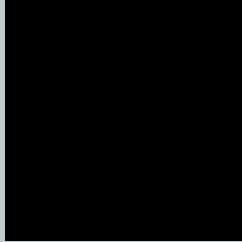
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

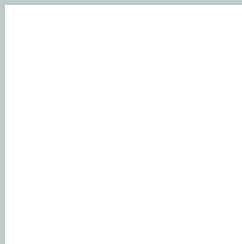
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3706, 57.9708, 64.8765

Background



This preview shows how black text looks on a background with the XYZ color 53.3706, 57.9708, 64.8765.



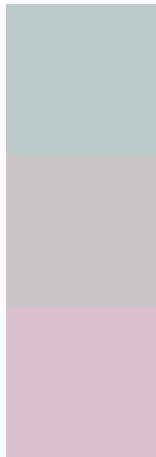
This preview shows how white text looks on a background with the XYZ color 53.3706, 57.9708,

64.8765.

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

53.3706, 57.9708, 64.8765

Protanopia

55.5946, 57.7604, 63.4771

Deuteranopia

58.9265, 57.7431, 65.7974



Tritanopia

55.1493, 57.9895, 73.9321

Trichromacy



Original Color

53.3706, 57.9708, 64.8765

Protanomaly

54.6036, 57.5786, 64.1130

Deuteranomaly

56.5975, 57.5575, 65.2534

Tritanomaly

54.4901, 58.0709, 70.6242

Monochromacy



Original Color

53.3706, 57.9708, 64.8765

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8446, 57.2144, 62.8492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3706, 57.9708, 64.8765 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, 203, 203)` looks like.

```
.text, #text, p{  
    color:rgb(190, 203, 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(190, 203, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 203, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.3706, 57.9708, 64.8765 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, 203, 203) }
```


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

```
.border{ border-color:rgb(190, 203, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 203, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 203, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 203, 203);  
box-shadow:4px 4px 4px 4px rgb(190, 203,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3706, 57.9708, 64.8765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 203, 203) }
```

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

```
.background{ background-color: rgb(190,  
203, 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](#).

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