

Converting Colors

XYZ(52.8307, 55.1630, 65.4901)

Have a look what the booklet for
XYZ(52.8307, 55.1630, 65.4901)
contains.

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Color

**XYZ(53.0075, 55.3570,
65.6488)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C4CD
RGB	194, 196, 205
RGB Percent	76%, 77%, 80%
CMY	0.2392, 0.2314, 0.1961
CMYK	0.05, 0.04, 0.00, 0.20
HSL	229°, 10%, 78%
HSV	229°, 5%, 80%
XYZ	53.0075, 55.3570, 65.6488
YIQ	196.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

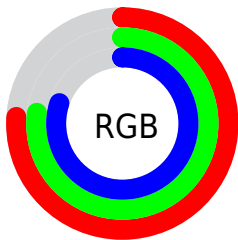
Format	Color
RYB	194, 196, 205
Decimal	12764365
CIELab	79.25, 1.02, -4.74
CIElCh	79, 4.851, 282.114
Yxy	55.3570, 0.3046, 0.3181
Android (android.graphics.Color)	4290954445 (0xFFC2C4CD)
YUV	196.4280, 4.2260, -2.1294
Hunter-Lab	74.4023, -3.0327, -0.2329

Details

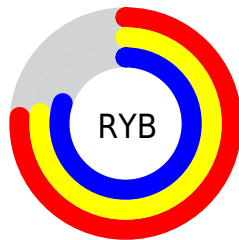
The XYZ color **53.0075, 55.3570, 65.6488** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2705, 59.5854, 59.5751**, and the grayscale version is **52.7048, 55.4496, 60.3846**.

A 20% lighter version of the original color is **92.5996, 97.7946, 108.6035**, and **26.0741, 27.1558, 33.1455** is the 20% darker color. If you saturate the color by 10%, you get **44.5321, 45.6850, 64.2295**, and if you desaturate by 10%, it is **62.6346, 66.2531, 67.2454**.

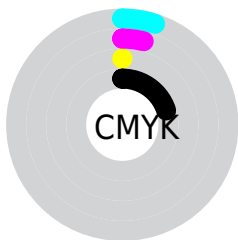
Distribution



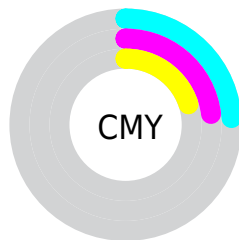
- Red (76%)
- Green (77%)
- Blue (80%)



- Red (76%)
- Yellow (77%)
- Blue (80%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0075, 55.3570, 65.6488 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 53.0075, 55.3570, 65.6488 by changing the saturation by 10% instead.

■ 53.0075, 55.3570,
65.6488

■ 53.0075, 55.3570,
65.6488

388.5743,
407.2638, 463.4897

■ 38.0363, 39.6876,
47.5327

■ 93.7809, 98.0638,
114.6043

■ 26.1882, 27.2951,
33.0996

120.3137,
125.8700, 146.2808

■ 17.0979, 17.7950,
21.9310

151.4311,
158.4907, 183.3145

■ 10.4000, 10.8029,
13.6084

187.4985,
196.3101, 226.1239

■ 5.7293, 5.9344,
7.7132

228.8811,
239.7128, 275.1276

■ 2.7203, 2.8053,
3.8268

275.9444,

■ 1.0076, 1.0309,

289.0830, 330.7441

1.5308

329.0537,
344.8052, 393.3919

■ 0.0000, 0.0000,
0.2407

■ 0.0000, 0.0000,
0.0000

■ 53.0075, 55.3570,
65.6488

■ 53.0075, 55.3570,
65.6488

■ 44.5321, 45.6850,
64.2295

■ 62.6346, 66.2531,
67.2454

■ 37.1602, 37.1873,
62.9778

■ 73.4495, 78.4071,
69.0214

■ 30.8473, 29.8207,
61.8886

■ 85.3081, 91.7649,
70.9747

■ 25.5439, 23.5368,
60.9552

■ 88.0196, 97.1878,
71.8785

■ 21.1966, 18.2837,
60.1704

■ 17.7470, 14.0050,
59.5263

■ 15.1298, 10.6386,
59.0145

■ 13.2707, 8.1151,
58.6254

■ 12.0809, 6.3539,
58.3482

Harmonies

Analogous

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



52.0445, 55.3570, 65.5015



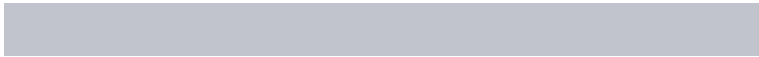
53.0075, 55.3570, 65.6488



53.8757, 55.3570, 64.3239

Triad

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



53.0075, 55.3570, 65.6488



54.0108, 55.3570, 56.7631



50.8602, 55.3570, 58.6488

Complementary

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



53.0075, 55.3570, 65.6488



56.2705, 59.5854, 59.5751

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.



51.3744, 55.3570, 56.3984



53.0075, 55.3570, 65.6488



53.1900, 55.3570, 55.3330

Square

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



53.0075, 55.3570, 65.6488



54.4597, 55.3570, 59.1605



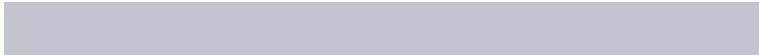
52.2248, 55.3570, 55.2016



50.8127, 55.3570, 61.4022

Rectangle

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



53.0075, 55.3570, 65.6488



54.2808, 55.3570, 62.8072



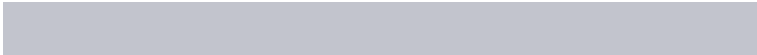
52.2248, 55.3570, 55.2016



50.9839, 55.3570, 57.8106

Sweetspot

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



53.0091, 55.3594, 65.6500



91.8822, 96.4130, 108.3746



54.8578, 59.4439, 65.0729



19.6998, 20.6740, 23.2021



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.



53.0091, 55.3594, 65.6500



85.7805, 89.4870, 107.3593



53.4648, 54.9279, 65.5427



11.3006, 11.7797, 14.2485



7.3290, 3.6820, 36.2807



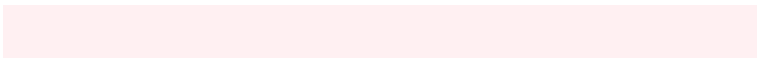
0.4295, 0.2928, 1.8888

Inverse Universe

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



54.4337, 55.5493, 60.0805



88.4120, 89.8438, 97.0697



55.7963, 60.0478, 59.6894



11.6778, 11.8315, 12.7733



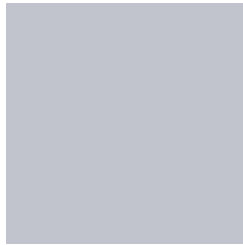
15.9103, 8.1747, 1.9801



0.8467, 0.4321, 0.2388

Previews

White Background



This preview shows how the XYZ color 53.0075, 55.3570, 65.6488 looks on a white background.

Color Contrast Check

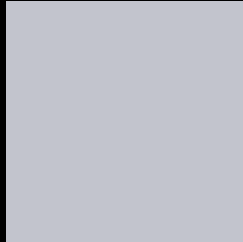
Large Text (above 18pt) WCAG AA × Fail

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 53.0075, 55.3570, 65.6488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

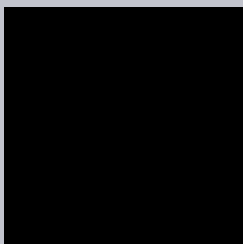
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

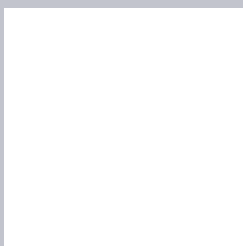
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0075, 55.3570, 65.6488

Background



This preview shows how black text looks on a background with the XYZ color 53.0075, 55.3570, 65.6488.

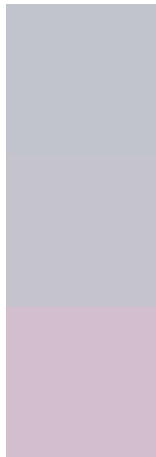


This preview shows how white text looks on a background with the XYZ color 53.0075, 55.3570,

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

53.0075, 55.3570, 65.6488

Protanopia

53.4401, 55.2602, 64.9764

Deuteranopia

56.4180, 55.1320, 66.0605



Tritanopia

53.7787, 55.3355, 69.4744

Trichromacy



Original Color

53.0075, 55.3570, 65.6488

Protanomaly

53.1791, 55.1256, 64.9642

Deuteranomaly

55.1671, 55.1346, 66.1270

Tritanomaly

53.5294, 55.2358, 68.1619

Monochromacy



Original Color

53.0075, 55.3570, 65.6488

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.5544, 55.2055, 61.9186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0075, 55.3570, 65.6488 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(194, 196, 205)` looks like.

```
.text, #text, p{  
    color:rgb(194, 196, 205)  
}
```

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(194, 196, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 205) }
```

Border

The CSS property to change the border of an element to XYZ 53.0075, 55.3570, 65.6488 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(194, 196, 205) }
```


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

```
.border{ border-color:rgb(194, 196, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 196, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(194, 196,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0075, 55.3570, 65.6488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 196, 205) }
```

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

```
.background{ background-color: rgb(194,  
196, 205) }
```

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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