

Converting Colors

XYZ(52.2905, 55.7930, 66.4889)

Have a look what the booklet for
XYZ(52.2905, 55.7930, 66.4889)
contains.

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Color

**XYZ(52.0737, 55.5358,
66.3674)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC6CE
RGB	188, 198, 206
RGB Percent	74%, 78%, 81%
CMY	0.2627, 0.2235, 0.1922
CMYK	0.09, 0.04, 0.00, 0.19
HSL	207°, 16%, 77%
HSV	207°, 9%, 81%
XYZ	52.0737, 55.5358, 66.3674
YIQ	195.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

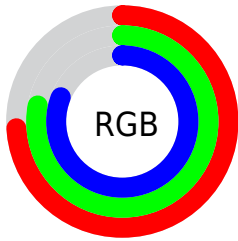
Format	Color
R_{YB}	188, 194, 206
Decimal	12371662
CIE _{Lab}	79.35, -1.85, -5.18
CIE _{LCh}	79, 5.502, 250.301
Yxy	55.5358, 0.2993, 0.3192
Android (android.graphics.Color)	4290561742 (0xFFBCC6CE)
YUV	195.9220, 4.9685, -6.9476
Hunter-Lab	74.5223, -5.6843, -0.6363

Details

The XYZ color **52.0737, 55.5358, 66.3674** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2708, 56.2320, 55.5714**, and the grayscale version is **52.3988, 55.1276, 60.0339**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **25.6324, 27.3644, 33.6366** is the 20% darker color. If you saturate the color by 10%, you get **45.3280, 49.0474, 65.4714**, and if you desaturate by 10%, it is **59.6735, 62.6552, 67.3419**.

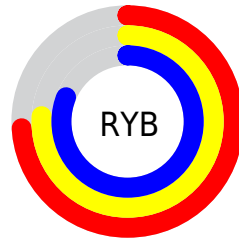
Distribution



Red (74%)

Green (78%)

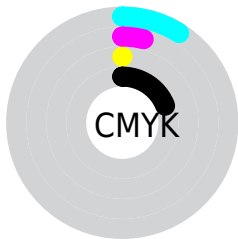
Blue (81%)



Red (74%)

Yellow (76%)

Blue (81%)

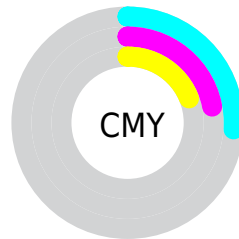


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (19%)



Cyan (26%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0737, 55.5358, 66.3674 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 52.0737, 55.5358, 66.3674 by changing the saturation by 10% instead.

■ 52.0737, 55.5358,
66.3674

■ 52.0737, 55.5358,
66.3674

385.0404,
407.9398, 466.1297

■ 37.2883, 39.8309,
48.1123

■ 92.4135, 98.3255,
115.6455

■ 25.6055, 27.4067,
33.5552

118.6987,
126.1791, 147.5057

■ 16.6599, 17.8789,
22.2775

149.5478,
158.8511, 184.7379

■ 10.0861, 10.8631,
13.8607

185.3262,
196.7258, 227.7608

■ 5.5188, 5.9748,
7.8862

226.3993,
240.1876, 276.9929

■ 2.5926, 2.8298,
3.9355

273.1325,

■ 0.9422, 1.0435,

289.6209, 332.8527

1.5900

325.8911,
345.4102, 395.7588

■ 0.0000, 0.0000,
0.2837

■ 0.0000, 0.0000,
0.0000

■ 52.0737, 55.5358,
66.3674

■ 52.0737, 55.5358,
66.3674

■ 45.3280, 49.0474,
65.4714

■ 59.6735, 62.6552,
67.3419

■ 39.3986, 43.1627,
64.6481

■ 68.1533, 70.4176,
68.3932

■ 34.2524, 37.8628,
63.8963

■ 77.5441, 78.8436,
69.5247

■ 29.8516, 33.1246,
63.2137

■ 81.9783, 84.9114,
70.4622

■ 26.1551, 28.9236,
62.5976

■ 84.6606, 90.2761,
71.3563

■ 23.1176, 25.2325,
62.0453

■ 87.4797, 95.9142,
72.2960

■ 20.6878, 22.0211,
61.5535

■ 88.1407, 97.2363,
72.5163

■ 18.8056, 19.2546,
61.1187

■ 17.3769, 16.8802,
60.7357

Harmonies

Analogous

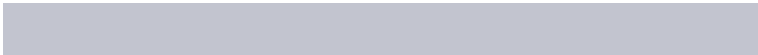
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.1847, 55.5358, 64.4818



52.0737, 55.5358, 66.3674



53.1651, 55.5358, 66.6417

Triad

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



52.0737, 55.5358, 66.3674



54.8986, 55.5358, 59.3898



51.4257, 55.5358, 55.9556

Complementary

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



52.0737, 55.5358, 66.3674



54.2708, 56.2320, 55.5714

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.



52.4069, 55.5358, 54.6898



52.0737, 55.5358, 66.3674



54.4186, 55.5358, 56.6263

Square

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



52.0737, 55.5358, 66.3674



54.8064, 55.5358, 62.5389



53.5030, 55.5358, 54.9309



50.8142, 55.5358, 58.4454

Rectangle

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



52.0737, 55.5358, 66.3674



53.8620, 55.5358, 65.8642



53.5030, 55.5358, 54.9309



51.7227, 55.5358, 55.3769

Sweetspot

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



52.0753, 55.5381, 66.3686



91.2167, 96.4285, 108.4127



52.7523, 58.8113, 60.6775



19.3095, 20.4388, 23.1773



0.0000, 0.0000, 0.0000



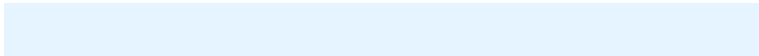
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0753, 55.5381, 66.3686



82.7747, 88.4640, 107.3203



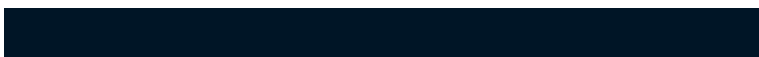
50.1212, 51.6299, 65.7172



11.1101, 11.8606, 14.2741



10.6969, 10.4178, 37.4033



0.6268, 0.6874, 1.9546

Inverse Universe

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



53.6311, 53.1666, 60.8644



85.6771, 84.0874, 97.0412



56.3151, 60.3206, 56.2528



11.4689, 11.3163, 13.0039



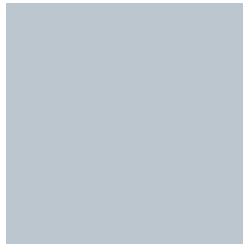
17.6102, 8.8547, 10.9319



0.9463, 0.4719, 0.7632

Previews

White Background



This preview shows how the XYZ color 52.0737, 55.5358, 66.3674 looks on a white background.

Color Contrast Check

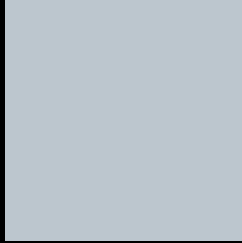
Large Text (above 18pt) WCAG AA × Fail

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 52.0737, 55.5358, 66.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

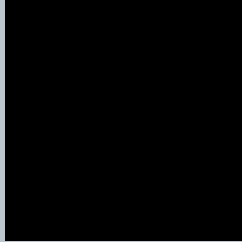
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

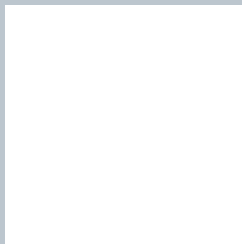
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0737, 55.5358, 66.3674

Background



This preview shows how black text looks on a background with the XYZ color 52.0737, 55.5358, 66.3674.



This preview shows how white text looks on a background with the XYZ color 52.0737, 55.5358,

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

52.0737, 55.5358, 66.3674

Protanopia

53.7029, 55.3956, 64.9887

Deuteranopia

56.4716, 55.4682, 66.7615



Tritanopia

52.9628, 55.5554, 70.8826

Trichromacy



Original Color

52.0737, 55.5358, 66.3674

Protanomaly

53.0075, 55.3570, 65.6488

Deuteranomaly

54.9114, 55.6451, 66.8779

Tritanomaly

52.5854, 55.4045, 68.8954

Monochromacy



Original Color

52.0737, 55.5358, 66.3674

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3839, 55.4401, 62.5837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0737, 55.5358, 66.3674 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, 198, 206) looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 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(188, 198, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.0737, 55.5358, 66.3674 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, 198, 206) }
```


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

```
.border{ border-color:rgb(188, 198, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 198, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 206);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0737, 55.5358, 66.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 206) }
```

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

```
.background{ background-color: rgb(188,  
198, 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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