

Converting Colors

XYZ(53.3303, 57.7029, 76.0371)

Have a look what the booklet for
XYZ(53.3303, 57.7029, 76.0371)
contains.

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Color

**XYZ(53.3303, 57.7029,
76.0371)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CBDC
RGB	181, 203, 220
RGB Percent	71%, 80%, 86%
CMY	0.2902, 0.2039, 0.1372
CMYK	0.18, 0.08, 0.00, 0.14
HSL	206°, 36%, 79%
HSV	206°, 18%, 86%
XYZ	53.3303, 57.7029, 76.0371
YIQ	198.3600, -18.5690, 0.6230

Conversions

Conversions Part 2

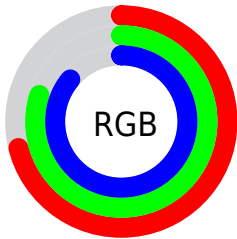
Format	Color
RYB	181, 195, 220
Decimal	11914204
CIELab	80.57, -3.87, -10.93
CIELCh	81, 11.598, 250.521
Yxy	57.7029, 0.2851, 0.3085
Android (android.graphics.Color)	4290104284 (0xFFB5CBDC)
YUV	198.3600, 10.6685, -15.2247
Hunter-Lab	75.9624, -7.6163, -6.1746

Details

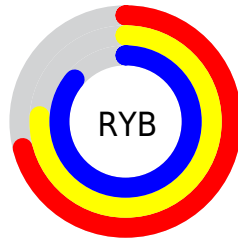
The XYZ color **53.3303, 57.7029, 76.0371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0504, 58.9402, 52.0345**, and the grayscale version is **53.8421, 56.6460, 61.6875**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **26.4411, 28.8007, 39.7628** is the 20% darker color. If you saturate the color by 10%, you get **46.3790, 50.8625, 75.0841**, and if you desaturate by 10%, it is **61.2397, 65.2481, 77.0775**.

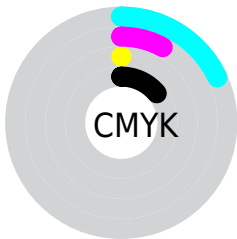
Distribution



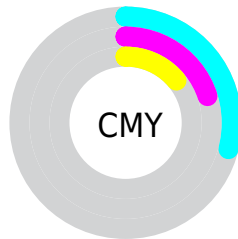
- Red (71%)
- Green (80%)
- Blue (86%)



- Red (71%)
- Yellow (76%)
- Blue (86%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3303, 57.7029, 76.0371 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 53.3303, 57.7029, 76.0371 by changing the saturation by 10% instead.

■ 53.3303, 57.7029,
76.0371

■ 53.3303, 57.7029,
76.0371

389.7912,
416.0780, 500.8249

■ 38.2950, 41.5698,
55.9561

■ 94.2529, 101.4901,
129.5399

■ 26.3900, 28.7646,
39.7640

120.8709,
129.9130, 163.7988

■ 17.2499, 18.9028,
27.0422

152.0806,
163.2013, 203.6207

■ 10.5092, 11.6001,
17.3722

188.2473,
201.7395, 249.4242

■ 5.8027, 6.4720,
10.3354

229.7364,
245.9118, 301.6279

■ 2.7650, 3.1341,
5.5134

276.9131,

■ 1.0307, 1.2022,

296.1027, 360.6502

2.4876

330.1430,
352.6967, 426.9097

■ 0.0000, 0.0635,
0.8336

■ 0.0000, 0.0000,
0.0000

■ 53.3303, 57.7029,
76.0371

■ 53.3303, 57.7029,
76.0371

■ 46.3790, 50.8625,
75.0841

■ 61.2397, 65.2481,
77.0775

■ 40.3399, 44.6951,
74.2119

■ 70.1401, 73.5142,
78.2040

■ 35.1711, 39.1767,
73.4192

■ 80.0691, 82.5257,
79.4200

■ 30.8249, 34.2788,
72.7029

■ 85.7199, 89.5503,
80.4781

■ 27.2487, 29.9702,
72.0597

■ 88.6390, 95.3885,
81.4511

■ 24.3830, 26.2160,
71.4861

■ 89.9184, 97.9474,
81.8776

■ 22.1584, 22.9762,
70.9780

■ 20.4798, 20.1972,
70.5301

■ 20.1406, 19.6118,
70.4350

Harmonies

Analogous

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



51.4333, 57.7029, 71.7509



53.3303, 57.7029, 76.0371



55.6862, 57.7029, 76.6415

Triad

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



53.3303, 57.7029, 76.0371



59.4768, 57.7029, 60.4617



51.9199, 57.7029, 53.3673

Complementary

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



53.3303, 57.7029, 76.0371



58.0504, 58.9402, 52.0345

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.



54.0121, 57.7029, 50.7839



53.3303, 57.7029, 76.0371



58.4041, 57.7029, 54.6785

Square

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



53.3303, 57.7029, 76.0371



59.2814, 57.7029, 67.3093



56.3879, 57.7029, 51.2459



50.6354, 57.7029, 58.5514

Rectangle

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



53.3303, 57.7029, 76.0371



57.2061, 57.7029, 74.8311



56.3879, 57.7029, 51.2459



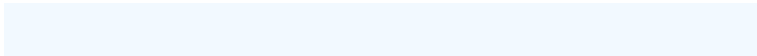
52.5495, 57.7029, 52.1836

Sweetspot

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



53.3320, 57.7053, 76.0384



88.7666, 94.1671, 108.1053



54.8320, 65.0839, 63.0394



18.8168, 19.9846, 23.1156



0.0000, 0.0000, 0.0000



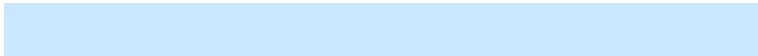
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3320, 57.7053, 76.0384



71.0198, 77.2224, 105.7700



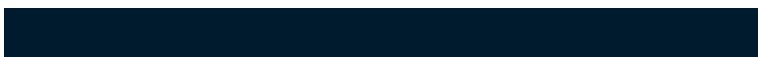
49.0331, 49.1075, 74.6054



12.9451, 13.8300, 16.6393



11.9330, 11.7354, 41.3746



0.8582, 0.9306, 2.7088

Inverse Universe

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



56.8200, 52.5766, 63.6561



76.7490, 69.0503, 85.3745



62.7728, 68.3851, 53.6086



13.3622, 13.1740, 15.1684



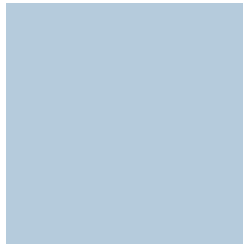
19.5185, 9.8085, 12.3766



1.3075, 0.6526, 1.0282

Previews

White Background



This preview shows how the XYZ color 53.3303, 57.7029, 76.0371 looks on a white background.

Color Contrast Check

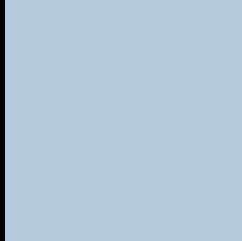
Large Text (above 18pt) WCAG AA × Fail

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 53.3303, 57.7029, 76.0371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

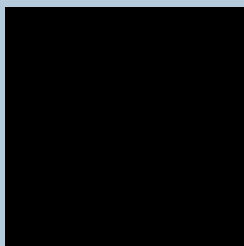
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

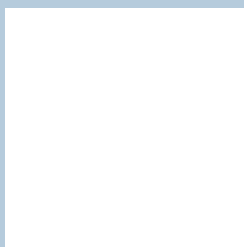
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3303, 57.7029, 76.0371

Background



This preview shows how black text looks on a background with the XYZ color 53.3303, 57.7029, 76.0371.



This preview shows how white text looks on a background with the XYZ color 53.3303, 57.7029,

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

53.3303, 57.7029, 76.0371

Protanopia

56.0072, 57.4037, 73.7738

Deuteranopia

58.7711, 57.4128, 77.0915



Tritanopia

53.1982, 57.6501, 75.3416

Trichromacy



Original Color

53.3303, 57.7029, 76.0371

Protanomaly

55.0474, 57.5770, 74.5418

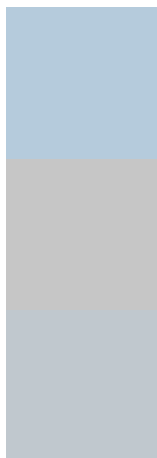
Deuteranomaly

56.5706, 57.2951, 76.4841

Tritanomaly

53.1982, 57.6501, 75.3416

Monochromacy



Original Color

53.3303, 57.7029, 76.0371

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5331, 56.9713, 66.5676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3303, 57.7029, 76.0371 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(181, 203, 220)` looks like.

```
.text, #text, p{  
    color:rgb(181, 203, 220)  
}
```

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(181, 203, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 203, 220) }
```

Border

The CSS property to change the border of an element to XYZ 53.3303, 57.7029, 76.0371 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(181, 203, 220) }
```


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

```
.border{ border-color:rgb(181, 203, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 203, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 203, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 203, 220);  
box-shadow:4px 4px 4px 4px rgb(181, 203,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3303, 57.7029, 76.0371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 203, 220) }
```

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

```
.background{ background-color: rgb(181,  
203, 220) }
```

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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