

Converting Colors

XYZ(53.5773, 57.4780, 72.1241)

Have a look what the booklet for
XYZ(53.5773, 57.4780, 72.1241)
contains.

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Color

**XYZ(53.5078, 57.5352,
71.9036)**

Conversions

Conversions Part 1

Format	Color
Hex	BACAD6
RGB	186, 202, 214
RGB Percent	73%, 79%, 84%
CMY	0.2706, 0.2078, 0.1608
CMYK	0.13, 0.06, 0.00, 0.16
HSL	206°, 25%, 78%
HSV	206°, 13%, 84%
XYZ	53.5078, 57.5352, 71.9036
YIQ	198.5840, -13.3880, 0.3400

Conversions

Conversions Part 2

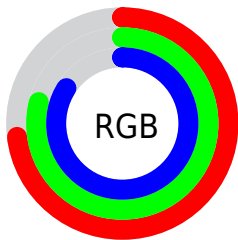
Format	Color
R _{YB}	186, 196, 214
Decimal	12241622
CIE Lab	80.48, -3.01, -7.82
CIE LCh	80, 8.379, 248.968
Yxy	57.5352, 0.2925, 0.3145
Android (android.graphics.Color)	4290431702 (0xFFBACAD6)
YUV	198.5840, 7.6001, -11.0362
Hunter-Lab	75.8520, -6.8227, -3.1074

Details

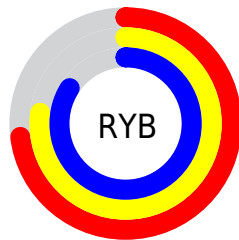
The XYZ color **53.5078, 57.5352, 71.9036** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7889, 58.2292, 54.7016**, and the grayscale version is **53.9943, 56.8063, 61.8620**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.5208, 28.6696, 36.9369** is the 20% darker color. If you saturate the color by 10%, you get **46.6056, 50.8789, 70.9835**, and if you desaturate by 10%, it is **61.3198, 64.8534, 72.9053**.

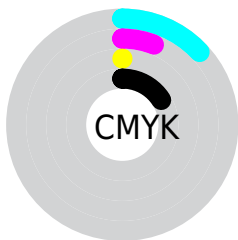
Distribution



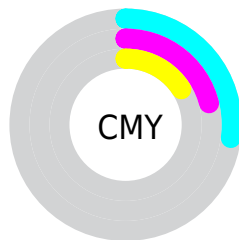
- Red (73%)
- Green (79%)
- Blue (84%)



- Red (73%)
- Yellow (77%)
- Blue (84%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5078, 57.5352, 71.9036 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 53.5078, 57.5352, 71.9036 by changing the saturation by 10% instead.

■ 53.5078, 57.5352,
71.9036

■ 53.5078, 57.5352,
71.9036

390.4594,
415.4518, 486.1745

■ 38.4374, 41.4351,
52.5936

■ 94.5123, 101.2457,
123.6259

■ 26.5011, 28.6592,
37.0929

121.1771,
129.6249, 156.8753

■ 17.3335, 18.8232,
24.9831

152.4375,
162.8659, 195.6082

■ 10.5694, 11.5426,
15.8456

188.6587,
201.3530, 240.2431

■ 5.8432, 6.4330,
9.2618

230.2061,
245.4708, 291.1987

■ 2.7897, 3.1101,
4.8132

277.4451,

■ 1.0436, 1.1895,

295.6036, 348.8934

2.0812

330.7411,
352.1358, 413.7459

■ 0.0000, 0.0531,
0.6046

■ 0.0000, 0.0000,
0.0000

■ 53.5078, 57.5352,
71.9036

■ 53.5078, 57.5352,
71.9036

■ 46.6056, 50.8789,
70.9835

■ 61.3198, 64.8534,
72.9053

■ 40.5716, 44.8551,
70.1388

■ 70.0711, 72.8472,
73.9870

■ 35.3679, 39.4426,
69.3684

■ 79.7959, 81.5390,
75.1522

■ 30.9521, 34.6159,
68.6695

■ 84.1511, 87.6618,
76.1044

■ 27.2773, 30.3475,
68.0392

■ 86.8993, 93.1582,
77.0205

■ 24.2916, 26.6067,
67.4746

■ 89.1378, 97.6351,
77.7667

■ 21.9350, 23.3590,
66.9719

■ 20.1358, 20.5636,
66.5272

■ 19.1353, 18.8501,
66.2492

Harmonies

Analogous

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



52.1556, 57.5352, 68.7899



53.5078, 57.5352, 71.9036



55.2024, 57.5352, 72.4695

Triad

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



53.5078, 57.5352, 71.9036



58.0158, 57.5352, 61.1819



52.6330, 57.5352, 55.5706

Complementary

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



53.5078, 57.5352, 71.9036



56.7889, 58.2292, 54.7016

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.



54.1718, 57.5352, 53.7530



53.5078, 57.5352, 71.9036



57.2958, 57.5352, 56.8794

Square

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



53.5078, 57.5352, 71.9036



57.8290, 57.5352, 66.1051



55.8803, 57.5352, 54.2193



51.6580, 57.5352, 59.3098

Rectangle

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



53.5078, 57.5352, 71.9036



56.3020, 57.5352, 71.2983



55.8803, 57.5352, 54.2193



53.1002, 57.5352, 54.7237

Sweetspot

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



53.5095, 57.5376, 71.9049



90.0180, 95.3597, 108.2695



54.4519, 62.5951, 62.4378



19.0705, 20.2281, 23.1492



0.0000, 0.0000, 0.0000



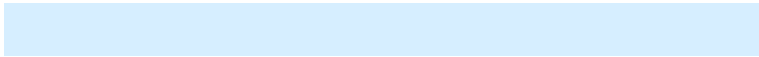
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5095, 57.5376, 71.9049



76.2745, 82.4153, 106.4954



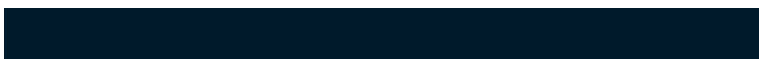
50.4428, 51.4042, 70.8827



12.3259, 13.1752, 15.8309



11.6711, 11.6039, 40.0778



0.7854, 0.8627, 2.4444

Inverse Universe

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



55.9524, 53.6794, 63.2920



80.6992, 75.5992, 90.8573



60.0557, 64.7628, 55.7906



12.7177, 12.5386, 14.4536



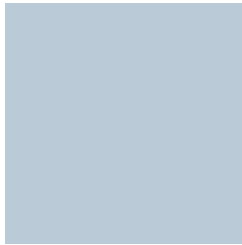
18.9499, 9.5163, 12.3060



1.1841, 0.5904, 0.9586

Previews

White Background



This preview shows how the XYZ color 53.5078, 57.5352, 71.9036 looks on a white background.

Color Contrast Check

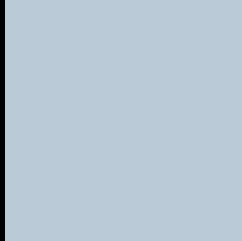
Large Text (above 18pt) WCAG AA × Fail

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 53.5078, 57.5352, 71.9036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

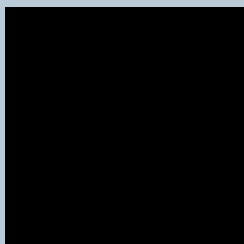
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

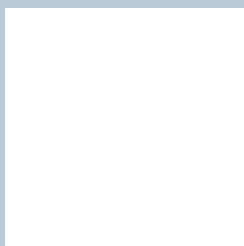
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5078, 57.5352, 71.9036

Background



This preview shows how black text looks on a background with the XYZ color 53.5078, 57.5352, 71.9036.

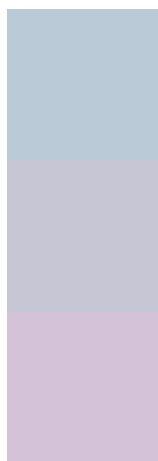


This preview shows how white text looks on a background with the XYZ color 53.5078, 57.5352,

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

53.5078, 57.5352, 71.9036

Protanopia

55.6309, 57.2837, 70.4122

Deuteranopia

58.5504, 57.3903, 72.9572



Tritanopia

53.9045, 57.3478, 73.8738

Trichromacy



Original Color

53.5078, 57.5352, 71.9036

Protanomaly

54.6818, 57.1203, 71.0941

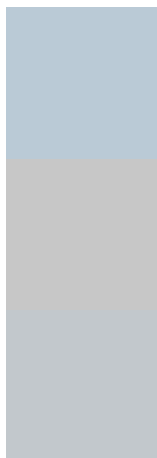
Deuteranomaly

56.5891, 57.3954, 72.3858

Tritanomaly

53.7748, 57.2960, 73.1907

Monochromacy



Original Color

53.5078, 57.5352, 71.9036

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8015, 57.1375, 65.3197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5078, 57.5352, 71.9036 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 214) }
```

Border

The CSS property to change the border of an element to XYZ 53.5078, 57.5352, 71.9036 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, 214) }
```


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

```
.border{ border-color:rgb(186, 202, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5078, 57.5352, 71.9036 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, 214) }
```

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

```
.background{ background-color: rgb(186,  
202, 214) }
```

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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