

Converting Colors

XYZ(51.7984, 57.7039, 73.3533)

Have a look what the booklet for
XYZ(51.7984, 57.7039, 73.3533)
contains.

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Color

**XYZ(51.6816, 57.6192,
73.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	AECDD8
RGB	174, 205, 216
RGB Percent	68%, 80%, 85%
CMY	0.3176, 0.1961, 0.1529
CMYK	0.19, 0.05, 0.00, 0.15
HSL	196°, 35%, 76%
HSV	196°, 19%, 85%
XYZ	51.6816, 57.6192, 73.3635
YIQ	196.9850, -22.0070, -3.1510

Conversions

Conversions Part 2

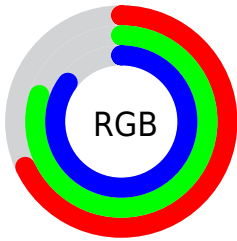
Format	Color
RYB	174, 192, 216
Decimal	11455960
CIELab	80.53, -7.96, -8.91
CIELCh	81, 11.948, 228.222
Yxy	57.6192, 0.2829, 0.3154
Android (android.graphics.Color)	4289646040 (0xFFFAECDD8)
YUV	196.9850, 9.3744, -20.1578
Hunter-Lab	75.9073, -11.3058, -4.1680

Details

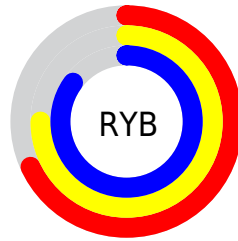
The XYZ color **51.6816, 57.6192, 73.3635** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.3085, 52.3531, 47.3412**, and the grayscale version is **53.0180, 55.7791, 60.7434**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **25.3848, 28.7714, 37.9337** is the 20% darker color. If you saturate the color by 10%, you get **45.9229, 52.6796, 72.7145**, and if you desaturate by 10%, it is **58.2665, 63.0603, 74.0676**.

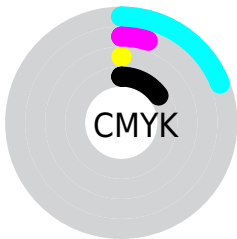
Distribution



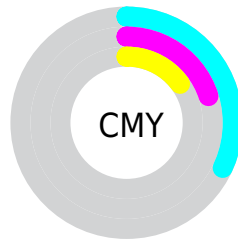
- Red (68%)
- Green (80%)
- Blue (85%)



- Red (68%)
- Yellow (75%)
- Blue (85%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (32%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6816, 57.6192, 73.3635 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 51.6816, 57.6192, 73.3635 by changing the saturation by 10% instead.

■ 51.6816, 57.6192,
73.3635

■ 51.6816, 57.6192,
73.3635

383.5503,
415.7655, 491.3782

■ 36.9746, 41.5026,
53.7796

■ 91.8385, 101.3681,
125.7188

■ 25.3614, 28.7120,
38.0335

118.0191,
129.7692, 159.3273

■ 16.4767, 18.8631,
25.7067

148.7550,
163.0339, 198.4478

■ 9.9551, 11.5714,
16.3805

184.4114,
201.5466, 243.4987

■ 5.4312, 6.4525,
9.6366

225.3538,
245.6918, 294.8987

■ 2.5398, 3.1222,
5.0562

271.9476,

■ 0.9154, 1.1958,

295.8537, 353.0662

2.2210

324.5579,
352.4168, 418.4199

■ 0.0000, 0.0583,
0.6864

■ 0.0000, 0.0000,
0.0000

■ 51.6816, 57.6192,
73.3635

■ 51.6816, 57.6192,
73.3635

■ 45.9229, 52.6796,
72.7145

■ 58.2665, 63.0603,
74.0676

■ 40.9477, 48.2143,
72.1148

■ 65.7074, 69.0146,
74.8247

■ 36.7174, 44.2040,
71.5637

■ 74.0388, 75.5020,
75.6378

■ 33.1878, 40.6253,
71.0590

■ 81.2760, 81.5002,
76.4141

■ 30.3096, 37.4519,
70.5982

■ 82.8542, 84.6565,
76.9402

■ 28.0268, 34.6542,
70.1785

■ 84.4837, 87.9156,
77.4834

■ 26.2734, 32.1972,
69.7967

■ 86.1650, 91.2783,
78.0438

■ 24.9386, 30.0231,
69.4474

■ 87.8986, 94.7455,
78.6217

■ 24.8692, 29.9067,
69.4285

■ 89.3949, 97.7379,
79.1204

Harmonies

Analogous

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



50.4049, 57.6192, 67.0585



51.6816, 57.6192, 73.3635



53.8079, 57.6192, 76.9172

Triad

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



51.6816, 57.6192, 73.3635



59.5153, 57.6192, 65.5363



53.3031, 57.6192, 50.7579

Complementary

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



51.6816, 57.6192, 73.3635



53.3085, 52.3531, 47.3412

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.



55.7340, 57.6192, 50.4173



51.6816, 57.6192, 73.3635



59.3703, 57.6192, 58.6062

Square

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



51.6816, 57.6192, 73.3635



58.3598, 57.6192, 72.1777



57.9693, 57.6192, 53.1906



51.3216, 57.6192, 54.1586

Rectangle

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



51.6816, 57.6192, 73.3635



55.4429, 57.6192, 77.0841



57.9693, 57.6192, 53.1906



54.0933, 57.6192, 50.2916

Sweetspot

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



51.6833, 57.6216, 73.3648



88.3786, 94.6833, 108.2254



50.7168, 61.5932, 54.8395



18.7673, 20.1459, 23.1493



0.0000, 0.0000, 0.0000



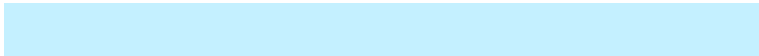
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6833, 57.6216, 73.3648



71.9611, 81.1128, 106.4713



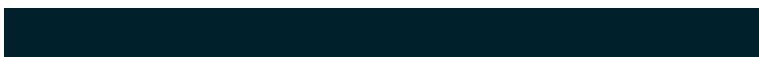
47.0960, 48.4469, 71.8357



12.5042, 13.5319, 15.8904



14.8118, 17.8854, 41.1247



0.9590, 1.2100, 2.5023

Inverse Universe

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



54.4758, 49.2802, 64.4011



76.7341, 67.1680, 91.0805



57.9111, 61.5583, 48.8754



12.8077, 12.5746, 14.9277



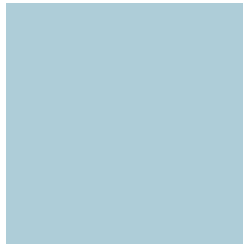
20.5352, 10.1504, 20.6541



1.2717, 0.6255, 1.4201

Previews

White Background



This preview shows how the XYZ color 51.6816, 57.6192, 73.3635 looks on a white background.

Color Contrast Check

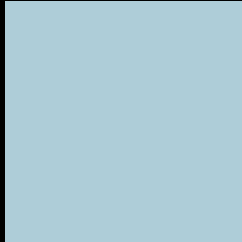
Large Text (above 18pt) WCAG AA × Fail

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 51.6816, 57.6192, 73.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

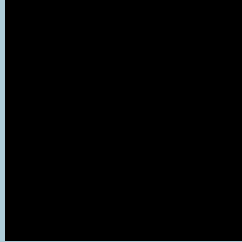
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

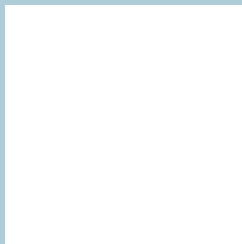
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6816, 57.6192, 73.3635

Background



This preview shows how black text looks on a background with the XYZ color 51.6816, 57.6192, 73.3635.

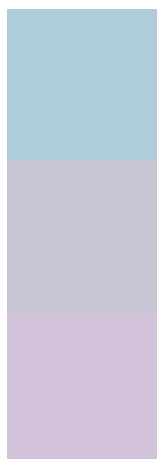


This preview shows how white text looks on a background with the XYZ color 51.6816, 57.6192,

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

51.6816, 57.6192, 73.3635

Protanopia

55.6309, 57.2837, 70.4122

Deuteranopia

58.5250, 57.3472, 74.3142



Tritanopia

52.3232, 57.5201, 76.7514

Trichromacy



Original Color

51.6816, 57.6192, 73.3635

Protanomaly

54.1321, 57.5245, 71.2011

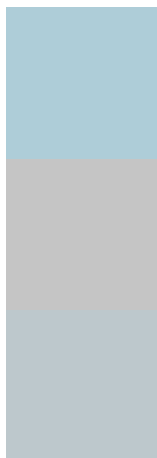
Deuteranomaly

55.7444, 57.2682, 73.7615

Tritanomaly

52.0582, 57.4142, 75.3561

Monochromacy



Original Color

51.6816, 57.6192, 73.3635

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.5396, 56.4870, 65.2607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6816, 57.6192, 73.3635 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(174, 205, 216)` looks like.

```
.text, #text, p{  
    color:rgb(174, 205, 216)  
}
```

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(174, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 205, 216) }
```

Border

The CSS property to change the border of an element to XYZ 51.6816, 57.6192, 73.3635 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(174, 205, 216) }
```


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

```
.border{ border-color:rgb(174, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(174, 205,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6816, 57.6192, 73.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 205, 216) }
```

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

```
.background{ background-color: rgb(174,  
205, 216) }
```

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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