

Converting Colors

XYZ(57.2219, 58.6487, 76.1368)

Have a look what the booklet for
XYZ(57.2219, 58.6487, 76.1368)
contains.

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Color

**XYZ(57.1257, 58.6180,
76.0137)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C8DC
RGB	199, 200, 220
RGB Percent	78%, 78%, 86%
CMY	0.2196, 0.2157, 0.1372
CMYK	0.10, 0.09, 0.00, 0.14
HSL	237°, 23%, 82%
HSV	237°, 10%, 86%
XYZ	57.1257, 58.6180, 76.0137
YIQ	201.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

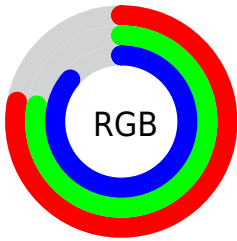
Format	Color
R_{YB}	199, 200, 220
Decimal	13093084
CIE _{Lab}	81.08, 3.50, -10.04
CIE _{LCh}	81, 10.634, 289.234
Yxy	58.6180, 0.2979, 0.3057
Android (android.graphics.Color)	4291283164 (0xFFC7C8DC)
YUV	201.9810, 8.8834, -2.6143
Hunter-Lab	76.5624, -0.7995, -5.2714

Details

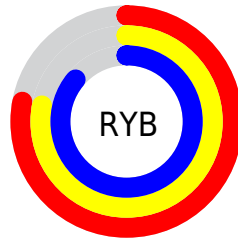
The XYZ color **57.1257, 58.6180, 76.0137** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1556, 70.0015, 64.1114**, and the grayscale version is **56.0781, 58.9985, 64.2494**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.7475, 29.2941, 39.7365** is the 20% darker color. If you saturate the color by 10%, you get **47.1815, 46.7771, 74.2532**, and if you desaturate by 10%, it is **68.5821, 72.2284, 78.0379**.

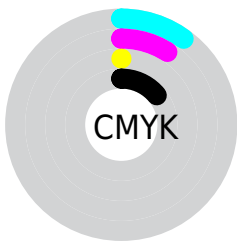
Distribution



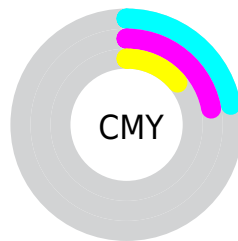
- Red (78%)
- Green (78%)
- Blue (86%)



- Red (78%)
- Yellow (78%)
- Blue (86%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1257, 58.6180, 76.0137 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 57.1257, 58.6180, 76.0137 by changing the saturation by 10% instead.

■ 57.1257, 58.6180,
76.0137

■ 57.1257, 58.6180,
76.0137

403.9267,
419.4848, 500.7427

■ 41.3467, 42.3057,
55.9370

99.7789, 102.8223,
129.5065

■ 28.7790, 29.3407,
39.7488

127.3838,
131.4830, 163.7598

■ 19.0571, 19.3387,
27.0304

159.6613,
165.0287, 203.5756

■ 11.8158, 11.9153,
17.3634

196.9769,
203.8437, 249.3726

■ 6.6897, 6.6860,
10.3293

239.6959,
248.3124, 301.5692

■ 3.3134, 3.2665,
5.5094

288.1836,

■ 1.3216, 1.2724,

298.8192, 360.5841

2.4852

342.8055,
355.7486, 426.8357

■ 0.1993, 0.1197,
0.8323

■ 0.0000, 0.0000,
0.0000

■ 57.1257, 58.6180,
76.0137

■ 57.1257, 58.6180,
76.0137

■ 47.1815, 46.7771,
74.2532

■ 68.5821, 72.2284,
78.0379

■ 38.6813, 36.6261,
72.7419

■ 81.6046, 87.6690,
80.3318

■ 31.5595, 28.0901,
71.4696

■ 89.9184, 97.9474,
81.8776

■ 25.7435, 21.0857,
70.4242

■ 21.1539, 15.5224,
69.5922

■ 17.7027, 11.2997,
68.9591

■ 15.2903, 8.3045,
68.5081

■ 13.7995, 6.4048,
68.2200

■ 13.0560, 5.4239,
68.0698

Harmonies

Analogous

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



54.9250, 58.6180, 76.5373



57.1257, 58.6180, 76.0137



58.9941, 58.6180, 72.1024

Triad

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



57.1257, 58.6180, 76.0137



58.5345, 58.6180, 55.0477



51.6451, 58.6180, 61.5795

Complementary

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



57.1257, 58.6180, 76.0137



65.1556, 70.0015, 64.1114

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.



52.5591, 58.6180, 56.2067



57.1257, 58.6180, 76.0137



56.5119, 58.6180, 52.6046

Square

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



57.1257, 58.6180, 76.0137



59.8222, 58.6180, 59.9008



54.3270, 58.6180, 53.0144



51.7996, 58.6180, 67.9170

Rectangle

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



57.1257, 58.6180, 76.0137



59.7815, 58.6180, 68.2360



54.3270, 58.6180, 53.0144



51.8366, 58.6180, 59.6084

Sweetspot

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



57.1274, 58.6205, 76.0150



90.0113, 94.0178, 108.0109



61.9269, 68.4413, 76.9308



18.9851, 19.7899, 23.0692



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.



57.1274, 58.6205, 76.0150



77.5360, 79.1892, 105.8062



59.4818, 59.4904, 76.0588



12.3883, 12.7164, 16.4537



7.6715, 3.2125, 39.9541



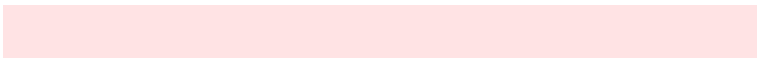
0.5150, 0.2441, 2.5944

Inverse Universe

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



60.3653, 60.2338, 63.0912



82.7393, 81.7884, 85.0359



62.6382, 69.0934, 64.0688



13.0811, 13.0615, 13.6885



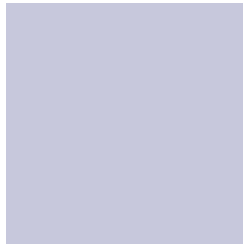
17.3676, 8.9481, 1.0496



1.1342, 0.5833, 0.1158

Previews

White Background



This preview shows how the XYZ color 57.1257, 58.6180, 76.0137 looks on a white background.

Color Contrast Check

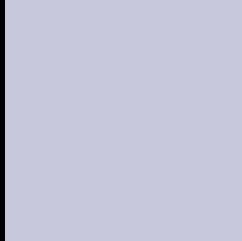
Large Text (above 18pt) WCAG AA × Fail

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 57.1257, 58.6180, 76.0137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

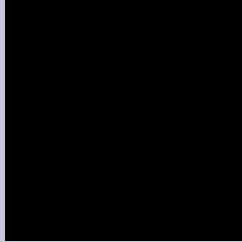
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1257, 58.6180, 76.0137

Background



This preview shows how black text looks on a background with the XYZ color 57.1257, 58.6180, 76.0137.

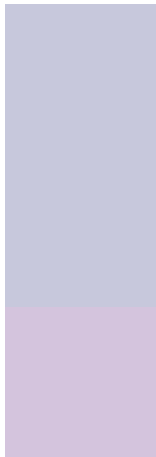


This preview shows how white text looks on a background with the XYZ color 57.1257, 58.6180,

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

57.1257, 58.6180, 76.0137

Protanopia

57.1257, 58.6180, 76.0137

Deuteranopia

59.9425, 58.6974, 76.5770



Tritanopia

56.5700, 58.7369, 73.3215

Trichromacy



Original Color

57.1257, 58.6180, 76.0137

Protanomaly

57.1257, 58.6180, 76.0137

Deuteranomaly

58.7495, 58.4184, 76.5861

Tritanomaly

56.6997, 58.7888, 74.0046

Monochromacy



Original Color

57.1257, 58.6180, 76.0137

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.4827, 58.7942, 68.6931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1257, 58.6180, 76.0137 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(199, 200, 220)` looks like.

```
.text, #text, p{  
    color:rgb(199, 200, 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(199, 200, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 200, 220) }
```

Border

The CSS property to change the border of an element to XYZ 57.1257, 58.6180, 76.0137 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(199, 200, 220) }
```


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

```
.border{ border-color:rgb(199, 200, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 200, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 200, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 200, 220);  
box-shadow:4px 4px 4px 4px rgb(199, 200,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1257, 58.6180, 76.0137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 200, 220) }
```

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

```
.background{ background-color: rgb(199,  
200, 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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