

Converting Colors

XYZ(57.2576, 58.9614, 76.6950)

Have a look what the booklet for
XYZ(57.2576, 58.9614, 76.6950)
contains.

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Color

**XYZ(57.2265, 58.9995,
76.7785)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C9DD
RGB	198, 201, 221
RGB Percent	78%, 79%, 87%
CMY	0.2235, 0.2117, 0.1333
CMYK	0.10, 0.09, 0.00, 0.13
HSL	232°, 25%, 82%
HSV	232°, 10%, 87%
XYZ	57.2265, 58.9995, 76.7785
YIQ	202.3830, -8.2080, 5.5840

Conversions

Conversions Part 2

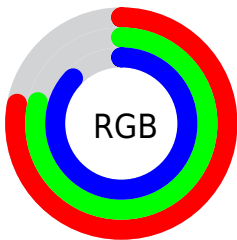
Format	Color
RYB	198, 201, 221
Decimal	13027805
CIELab	81.29, 2.85, -10.27
CIELCh	81, 10.658, 285.484
Yxy	58.9995, 0.2965, 0.3057
Android (android.graphics.Color)	4291217885 (0xFFC6C9DD)
YUV	202.3830, 9.1782, -3.8439
Hunter-Lab	76.8111, -1.4319, -5.4970

Details

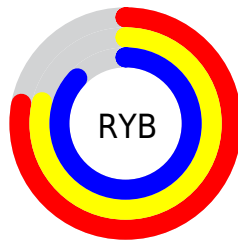
The XYZ color **57.2265, 58.9995, 76.7785** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0835, 69.5918, 63.4296**, and the grayscale version is **56.3277, 59.2612, 64.5354**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.8183, 29.5499, 40.2612** is the 20% darker color. If you saturate the color by 10%, you get **47.6185, 47.8090, 75.1258**, and if you desaturate by 10%, it is **68.2483, 71.7538, 78.6603**.

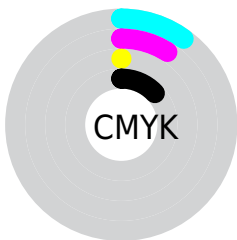
Distribution



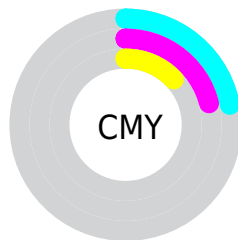
- Red (78%)
- Green (79%)
- Blue (87%)



- Red (78%)
- Yellow (79%)
- Blue (87%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2265, 58.9995, 76.7785 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 57.2265, 58.9995, 76.7785 by changing the saturation by 10% instead.

■ 57.2265, 58.9995,
76.7785

■ 57.2265, 58.9995,
76.7785

404.2980,
420.9001, 503.4261

■ 41.4280, 42.6127,
56.5606

99.9251, 103.3769,
130.5969

■ 28.8428, 29.5814,
40.2456

127.5558,
132.1364, 165.0345

■ 19.1056, 19.5211,
27.4148

159.8613,
165.7888, 205.0492

■ 11.8511, 12.0474,
17.6498

197.2069,
204.7187, 251.0593

■ 6.7138, 6.7760,
10.5320

239.9581,
249.3104, 303.4835

■ 3.3285, 3.3224,
5.6429

288.4801,

■ 1.3298, 1.3023,

299.9482, 362.7404

2.5639

343.1382,
357.0166, 429.2484

■ 0.2053, 0.1430,
0.8738

■ 0.0000, 0.0000,
0.0000

■ 57.2265, 58.9995,
76.7785

■ 57.2265, 58.9995,
76.7785

■ 47.6185, 47.8090,
75.1258

■ 68.2483, 71.7538,
78.6603

■ 39.3618, 38.1147,
73.6898

■ 80.7326, 86.1213,
80.7755

■ 32.3970, 29.8552,
72.4627

■ 90.0513, 98.0005,
82.5773

■ 26.6581, 22.9616,
71.4345

■ 22.0732, 17.3599,
70.5949

■ 18.5630, 12.9682,
69.9323

■ 16.0378, 9.6958,
69.4337

■ 14.3928, 7.4381,
69.0846

■ 13.4871, 6.0920,
68.8726

Harmonies

Analogous

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



55.0124, 58.9995, 76.8388



57.2265, 58.9995, 76.7785



59.1816, 58.9995, 73.2137

Triad

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



57.2265, 58.9995, 76.7785



59.1287, 58.9995, 55.8985



52.0391, 58.9995, 61.2198

Complementary

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



57.2265, 58.9995, 76.7785



65.0835, 69.5918, 63.4296

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.



53.0834, 58.9995, 56.0320



57.2265, 58.9995, 76.7785



57.1558, 58.9995, 53.1003

Square

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



57.2265, 58.9995, 76.7785



60.2995, 58.9995, 61.0264



54.9435, 58.9995, 53.1475



52.0569, 58.9995, 67.5653

Rectangle

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



57.2265, 58.9995, 76.7785



60.0581, 58.9995, 69.4566



54.9435, 58.9995, 53.1475



52.2763, 58.9995, 59.2921

Sweetspot

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



57.2282, 59.0020, 76.7798



90.2060, 94.4073, 108.0758



61.7924, 68.7782, 76.3036



19.0374, 19.8945, 23.0866



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.



57.2282, 59.0020, 76.7798



76.7668, 78.8356, 105.7785



58.8204, 58.7938, 76.6557



12.4750, 12.8898, 16.4826



7.8808, 3.6311, 40.0239



0.5562, 0.3266, 2.6082

Inverse Universe

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



60.5569, 59.9787, 63.6465



82.0618, 80.4100, 84.8821



63.3656, 69.8726, 63.5743



13.1249, 13.0791, 13.9189



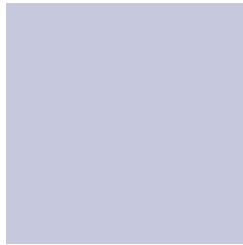
17.4732, 8.9903, 1.6061



1.1550, 0.5917, 0.2254

Previews

White Background



This preview shows how the XYZ color 57.2265, 58.9995, 76.7785 looks on a white background.

Color Contrast Check

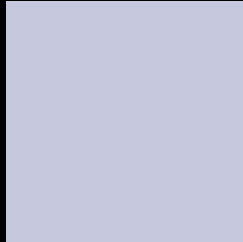
Large Text (above 18pt) WCAG AA × Fail

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 57.2265, 58.9995, 76.7785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

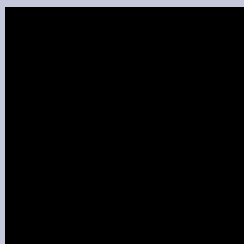
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2265, 58.9995, 76.7785

Background



This preview shows how black text looks on a background with the XYZ color 57.2265, 58.9995, 76.7785.

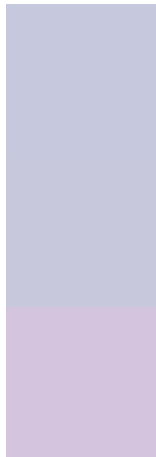


This preview shows how white text looks on a background with the XYZ color 57.2265, 58.9995,

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

57.2265, 58.9995, 76.7785

Protanopia

57.5248, 58.8084, 76.7259

Deuteranopia

60.0761, 58.7508, 77.2809



Tritanopia

56.8014, 59.1733, 74.7575

Trichromacy



Original Color

57.2265, 58.9995, 76.7785

Protanomaly

57.2586, 58.6711, 76.7134

Deuteranomaly

59.1110, 58.9275, 77.3659

Tritanomaly

56.9327, 59.2258, 75.4489

Monochromacy



Original Color

57.2265, 58.9995, 76.7785

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.7165, 59.2620, 68.7710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2265, 58.9995, 76.7785 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(198, 201, 221)` looks like.

```
.text, #text, p{  
    color:rgb(198, 201, 221)  
}
```

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(198, 201, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 201, 221) }
```

Border

The CSS property to change the border of an element to XYZ 57.2265, 58.9995, 76.7785 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(198, 201, 221) }
```


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

```
.border{ border-color:rgb(198, 201, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 201, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 201, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 201, 221); box-shadow:4px 4px 4px 4px rgb(198, 201, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2265, 58.9995, 76.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 201, 221) }
```

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

```
.background{ background-color: rgb(198,  
201, 221) }
```

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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