

Converting Colors

XYZ(56.5281, 58.1800, 73.3649)

Have a look what the booklet for
XYZ(56.5281, 58.1800, 73.3649)
contains.

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Color

**XYZ(56.3713, 57.9468,
73.1795)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C7D8
RGB	199, 199, 216
RGB Percent	78%, 78%, 85%
CMY	0.2196, 0.2196, 0.1529
CMYK	0.08, 0.08, 0.00, 0.15
HSL	240°, 18%, 81%
HSV	240°, 8%, 85%
XYZ	56.3713, 57.9468, 73.1795
YIQ	200.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

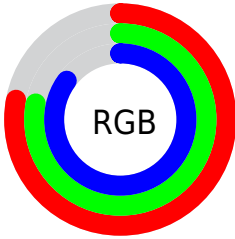
Format	Color
R _{YB}	199, 199, 216
Decimal	13092824
CIE Lab	80.71, 3.24, -8.45
CIE LCh	81, 9.049, 290.986
Yxy	57.9468, 0.3007, 0.3091
Android (android.graphics.Color)	4291282904 (0xFFC7C7D8)
YUV	200.9380, 7.4256, -1.6996
Hunter-Lab	76.1228, -1.0301, -3.7116

Details

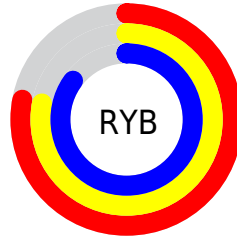
The XYZ color **56.3713, 57.9468, 73.1795** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1838, 67.8338, 63.7971**, and the grayscale version is **55.4382, 58.3253, 63.5163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2355, 28.8437, 37.7974** is the 20% darker color. If you saturate the color by 10%, you get **46.4208, 45.9579, 71.3908**, and if you desaturate by 10%, it is **67.8439, 71.7703, 75.2439**.

Distribution



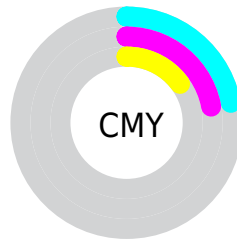
- Red (78%)
- Green (78%)
- Blue (85%)



- Red (78%)
- Yellow (78%)
- Blue (85%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3713, 57.9468, 73.1795 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 56.3713, 57.9468, 73.1795 by changing the saturation by 10% instead.

■ 56.3713, 57.9468,
73.1795

■ 56.3713, 57.9468,
73.1795

401.1417,
416.9877, 490.7241

■ 40.7389, 41.7659,
53.6300

98.6839, 101.8454,
125.4553

■ 28.3019, 28.9180,
37.9148

126.0948,
130.3318, 159.0187

■ 18.6949, 19.0188,
25.6152

158.1626,
163.6889, 198.0905

■ 11.5528, 11.6839,
16.3128

195.2525,
202.3010, 243.0892

■ 6.5099, 6.5288,
9.5891

237.7301,
246.5526, 294.4334

■ 3.2011, 3.1692,
5.0253

285.9605,

■ 1.2610, 1.2207,

296.8279, 352.5416

2.2031

340.3093,
353.5115, 417.8323

■ 0.1537, 0.0785,
0.6762

■ 0.0000, 0.0000,
0.0000

■ 56.3713, 57.9468,
73.1795

■ 56.3713, 57.9468,
73.1795

■ 46.4208, 45.9579,
71.3908

■ 67.8439, 71.7703,
75.2439

■ 37.9236, 35.7196,
69.8624

■ 80.8934, 87.4932,
77.5910

■ 30.8132, 27.1523,
68.5835

■ 89.3948, 97.7379,
79.1203

■ 25.0162, 20.1673,
67.5408

■ 20.4522, 14.6678,
66.7199

■ 17.0319, 10.5464,
66.1046

■ 14.6543, 7.6813,
65.6769

■ 13.2005, 5.9292,
65.4153

■ 12.5027, 5.0882,
65.2898

Harmonies

Analogous

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



54.5166, 57.9468, 73.7934



56.3713, 57.9468, 73.1795



57.9109, 57.9468, 69.7843

Triad

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



56.3713, 57.9468, 73.1795



57.3657, 57.9468, 55.4444



51.6095, 57.9468, 61.4984

Complementary

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



56.3713, 57.9468, 73.1795



63.1838, 67.8338, 63.7971

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.



52.3365, 57.9468, 56.8460



56.3713, 57.9468, 73.1795



55.6406, 57.9468, 53.4827

Square

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



56.3713, 57.9468, 73.1795



58.4940, 57.9468, 59.4863



53.8021, 57.9468, 53.9809



51.7952, 57.9468, 66.8452

Rectangle

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



56.3713, 57.9468, 73.1795



58.5379, 57.9468, 66.5005



53.8021, 57.9468, 53.9809



51.7547, 57.9468, 59.8063

Sweetspot

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



56.3730, 57.9492, 73.1808



91.5933, 95.8351, 108.2783



60.4681, 66.1981, 74.3652



19.6409, 20.5563, 23.1825



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.



56.3730, 57.9492, 73.1808



80.2166, 82.1275, 106.2321



58.6119, 59.1025, 73.2854



11.7428, 12.0090, 15.6366



7.3367, 2.9351, 38.6330



0.4426, 0.1771, 2.3302

Inverse Universe

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



59.0525, 59.5706, 62.4215



84.6838, 84.8306, 88.2944



60.8172, 66.6148, 63.6865



12.4234, 12.4209, 12.9038



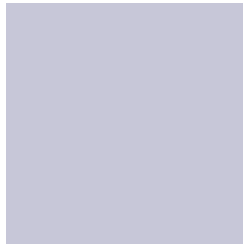
16.7621, 8.6411, 0.7852



1.0110, 0.5212, 0.0475

Previews

White Background



This preview shows how the XYZ color 56.3713, 57.9468, 73.1795 looks on a white background.

Color Contrast Check

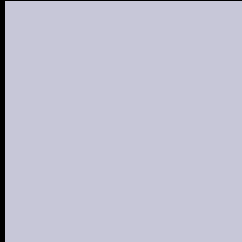
Large Text (above 18pt) WCAG AA × Fail

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 56.3713, 57.9468, 73.1795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

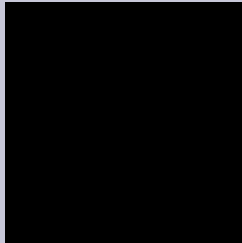
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3713, 57.9468, 73.1795

Background



This preview shows how black text looks on a background with the XYZ color 56.3713, 57.9468, 73.1795.



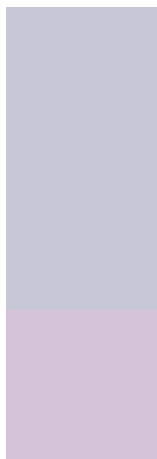
This preview shows how white text looks on a background with the XYZ color 56.3713, 57.9468,

73.1795.

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

56.3713, 57.9468, 73.1795

Protanopia

56.3713, 57.9468, 73.1795

Deuteranopia

59.1909, 58.0370, 73.7282



Tritanopia

56.2424, 57.8953, 72.5006

Trichromacy



Original Color

56.3713, 57.9468, 73.1795

Protanomaly

56.3713, 57.9468, 73.1795

Deuteranomaly

57.9964, 57.7550, 73.7367

Tritanomaly

56.2424, 57.8953, 72.5006

Monochromacy



Original Color

56.3713, 57.9468, 73.1795

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6143, 58.0441, 66.6650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3713, 57.9468, 73.1795 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, 199, 216)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 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(199, 199, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 216) }
```

Border

The CSS property to change the border of an element to XYZ 56.3713, 57.9468, 73.1795 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, 199, 216) }
```


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

```
.border{ border-color:rgb(199, 199, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 199, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 199, 216); box-shadow:4px 4px 4px 4px rgb(199, 199, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3713, 57.9468, 73.1795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 216) }
```

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

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