

Converting Colors

XYZ(58.3713, 58.8711, 78.0988)

Have a look what the booklet for
XYZ(58.3713, 58.8711, 78.0988)
contains.

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Color

**XYZ(58.3713, 58.8711,
78.0988)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC7DF
RGB	203, 199, 223
RGB Percent	80%, 78%, 87%
CMY	0.2039, 0.2196, 0.1255
CMYK	0.09, 0.11, 0.00, 0.13
HSL	250°, 27%, 83%
HSV	250°, 11%, 87%
XYZ	58.3713, 58.8711, 78.0988
YIQ	202.9320, -5.3200, 8.3120

Conversions

Conversions Part 2

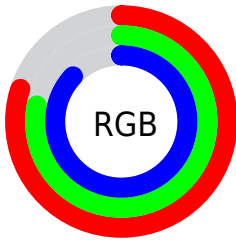
Format	Color
R _Y B	203, 199, 223
Decimal	13354975
CIE _{Lab}	81.22, 5.95, -11.41
CIE _{LCh}	81, 12.865, 297.532
Y _{xy}	58.8711, 0.2988, 0.3014
Android (android.graphics.Color)	4291545055 (0xFFCBC7DF)
YUV	202.9320, 9.8935, 0.0596
Hunter-Lab	76.7275, 1.5227, -6.6404

Details

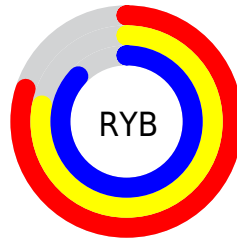
The XYZ color **58.3713, 58.8711, 78.0988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9121, 71.9605, 64.4516**, and the grayscale version is **56.6658, 59.6169, 64.9228**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5877, 29.4675, 41.1741** is the 20% darker color. If you saturate the color by 10%, you get **48.8503, 46.8973, 76.2904**, and if you desaturate by 10%, it is **69.2545, 72.6664, 80.1889**.

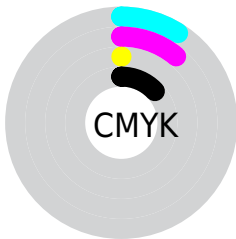
Distribution



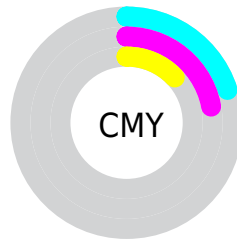
- Red (80%)
- Green (78%)
- Blue (87%)



- Red (80%)
- Yellow (78%)
- Blue (87%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3713, 58.8711, 78.0988 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 58.3713, 58.8711, 78.0988 by changing the saturation by 10% instead.

■ 58.3713, 58.8711,
78.0988

■ 58.3713, 58.8711,
78.0988

408.4997,
420.4241, 508.0391

■ 42.3516, 42.5094,
57.6382

101.5832,
103.1903, 132.4765

■ 29.5690, 29.5003,
41.1051

129.5062,
131.9166, 167.2307

■ 19.6582, 19.4596,
28.0809

162.1277,
165.5331, 207.5866

■ 12.2536, 12.0029,
18.1471

199.8130,
204.4243, 253.9626

■ 6.9901, 6.7456,
10.8851

242.9274,
248.9747, 306.7773

■ 3.5022, 3.3035,
5.8764

291.8365,

■ 1.4245, 1.2922,

299.5685, 366.4493

2.7025

346.9054,
356.5901, 433.3970

■ 0.2736, 0.1351,
0.9447

■ 0.0000, 0.0000,
0.0000

■ 58.3713, 58.8711,
78.0988

■ 58.3713, 58.8711,
78.0988

■ 48.8503, 46.8973,
76.2904

■ 69.2545, 72.6664,
80.1889

■ 40.6323, 36.6614,
74.7478

■ 81.5454, 88.3473,
82.5678

■ 33.6614, 28.0843,
73.4596

■ 90.3195, 98.1078,
83.9893

■ 27.8758, 21.0779,
72.4122

■ 23.2081, 15.5458,
71.5904

■ 19.5841, 11.3808,
70.9775

■ 16.9200, 8.4612,
70.5543

■ 15.1187, 6.6427,
70.2983

■ 14.0876, 5.7238,
70.1753

Harmonies

Analogous

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



55.7336, 58.8711, 80.0052



58.3713, 58.8711, 78.0988



60.4166, 58.8711, 72.3544

Triad

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



58.3713, 58.8711, 78.0988



58.7675, 58.8711, 52.4376



50.9630, 58.8711, 63.4673

Complementary

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



58.3713, 58.8711, 78.0988



65.9121, 71.9605, 64.4516

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.



51.7190, 58.8711, 56.4997



58.3713, 58.8711, 78.0988



56.1774, 58.8711, 50.4573

Square

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



58.3713, 58.8711, 78.0988



60.6505, 58.8711, 57.5176



53.6067, 58.8711, 51.8838



51.5088, 58.8711, 71.1677

Rectangle

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



58.3713, 58.8711, 78.0988



61.1393, 58.8711, 67.3399



53.6067, 58.8711, 51.8838



51.0727, 58.8711, 60.9669

Sweetspot

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



58.3731, 58.8736, 78.1001



90.3510, 94.0265, 107.9947



62.3104, 68.3435, 79.7205



19.0763, 19.7923, 23.0648



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.



58.3731, 58.8736, 78.1001



75.9273, 75.7743, 105.2318



61.6517, 60.5638, 78.2535



13.1637, 13.3524, 17.2712



8.3469, 3.3983, 41.2644



0.6439, 0.2692, 2.8633

Inverse Universe

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



63.6431, 61.6519, 75.5665



84.4951, 80.2924, 101.0589



62.5424, 70.2234, 64.2939



14.1919, 13.8944, 16.7805



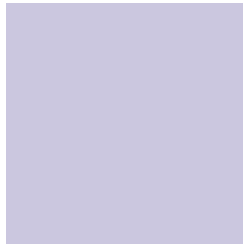
23.1317, 11.3197, 28.4229



1.6298, 0.7952, 2.1091

Previews

White Background



This preview shows how the XYZ color 58.3713, 58.8711, 78.0988 looks on a white background.

Color Contrast Check

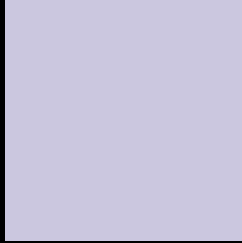
Large Text (above 18pt) WCAG AA × Fail

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 58.3713, 58.8711, 78.0988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

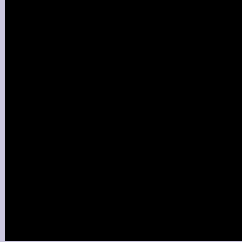
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3713, 58.8711, 78.0988

Background



This preview shows how black text looks on a background with the XYZ color 58.3713, 58.8711, 78.0988.



This preview shows how white text looks on a background with the XYZ color 58.3713, 58.8711,

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

58.3713, 58.8711, 78.0988

Protanopia

57.6620, 58.8325, 78.8377

Deuteranopia

60.0584, 58.7106, 78.6879



Tritanopia

57.4061, 58.8230, 73.2941

Trichromacy



Original Color

58.3713, 58.8711, 78.0988

Protanomaly

57.9282, 58.9697, 78.8502

Deuteranomaly

59.4332, 58.7242, 78.7234

Tritanomaly

57.7976, 58.9796, 75.3558

Monochromacy



Original Color

58.3713, 58.8711, 78.0988

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3820, 59.5907, 69.4506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3713, 58.8711, 78.0988 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(203, 199, 223) looks like.

```
.text, #text, p{  
    color:rgb(203, 199, 223)  
}
```

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(203, 199, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 199, 223) }
```

Border

The CSS property to change the border of an element to XYZ 58.3713, 58.8711, 78.0988 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(203, 199, 223) }
```


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

```
.border{ border-color:rgb(203, 199, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 199, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 199, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 199, 223);  
box-shadow:4px 4px 4px 4px rgb(203, 199,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3713, 58.8711, 78.0988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 199, 223) }
```

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

```
.background{ background-color: rgb(203,  
199, 223) }
```

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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