

Converting Colors

XYZ(58.5247, 55.9423, 98.1943)

Have a look what the booklet for
XYZ(58.5247, 55.9423, 98.1943)
contains.

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Color

**XYZ(58.3918, 55.7658,
98.1288)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BFFA
RGB	195, 191, 250
RGB Percent	76%, 75%, 98%
CMY	0.2353, 0.2510, 0.0196
CMYK	0.22, 0.24, 0.00, 0.02
HSL	244°, 86%, 86%
HSV	244°, 24%, 98%
XYZ	58.3918, 55.7658, 98.1288
YIQ	198.9220, -16.5550, 19.1970

Conversions

Conversions Part 2

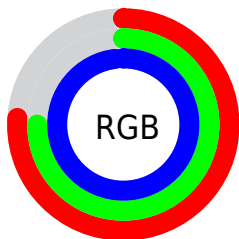
Format	Color
RYB	195, 191, 250
Decimal	12828666
CIELab	79.48, 13.50, -28.56
CIELCh	79, 31.593, 295.293
Yxy	55.7658, 0.2751, 0.2627
Android (android.graphics.Color)	4291018746 (0xFFC3BFFA)
YUV	198.9220, 25.1815, -3.4396
Hunter-Lab	74.6765, 8.8906, -25.6366

Details

The XYZ color **58.3918, 55.7658, 98.1288** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.5972, 91.7269, 62.6970**, and the grayscale version is **54.0981, 56.9154, 61.9809**.

A 20% lighter version of the original color is **91.4556, 94.4370, 108.0157**, and **29.5293, 27.6027, 54.2236** is the 20% darker color. If you saturate the color by 10%, you get **47.8393, 42.9125, 96.2050**, and if you desaturate by 10%, it is **70.8182, 70.9691, 100.4093**.

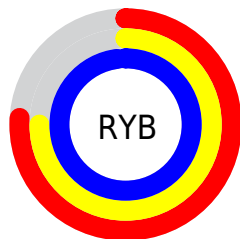
Distribution



Red (76%)

Green (75%)

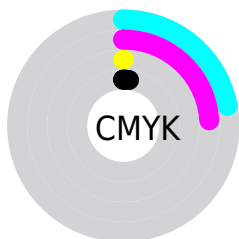
Blue (98%)



Red (76%)

Yellow (75%)

Blue (98%)

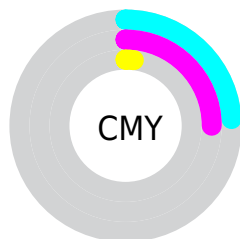


Cyan (22%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (25%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3918, 55.7658, 98.1288 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 58.3918, 55.7658, 98.1288 by changing the saturation by 10% instead.

■ 58.3918, 55.7658,
98.1288

■ 58.3918, 55.7658,
98.1288

408.5747,
408.8083, 575.3720

■ 42.3682, 40.0152,
74.1306

■ 101.6129, 98.6621,
160.6127

■ 29.5821, 27.5504,
54.4035

129.5411,
126.5765, 199.9355

■ 19.6681, 17.9870,
38.5290

162.1682,
159.3143, 245.2036

■ 12.2609, 10.9407,
26.0885

199.8595,
197.2600, 296.8355

■ 6.9951, 6.0269,
16.6635

242.9805,
240.7978, 355.2497

■ 3.5053, 2.8615,
9.8354

291.8964,

■ 1.4263, 1.0598,

290.3122, 420.8648

5.1858

346.9727,
346.1876, 494.0994

■ 0.2748, 0.0000,
2.2961

■ 0.0000, 0.0000,
0.7290

■ 58.3918, 55.7658,
98.1288

■ 58.3918, 55.7658,
98.1288

■ 47.8393, 42.9125,
96.2050

■ 70.8182, 70.9691,
100.4093

■ 39.0647, 32.2856,
94.6162

■ 85.1977, 88.6243,
103.0592

■ 31.9713, 23.7603,
93.3446

■ 94.2555, 99.6822,
104.7162

■ 26.4515, 17.1970,
92.3686

■ 22.3849, 12.4389,
91.6646

■ 19.6334, 9.3053,
91.2047

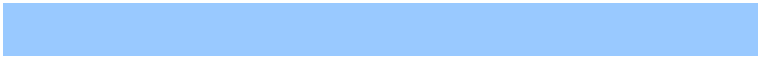
■ 18.0323, 7.5778,
90.9557

■ 17.4857, 7.0209,
90.8770

Harmonies

Analogous

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



52.0082, 55.7658, 102.6492



58.3918, 55.7658, 98.1288



63.6850, 55.7658, 82.8789

Triad

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



58.3918, 55.7658, 98.1288



60.2622, 55.7658, 36.2764



41.7453, 55.7658, 57.8954

Complementary

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



58.3918, 55.7658, 98.1288



81.5972, 91.7269, 62.6970

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.



43.5890, 55.7658, 42.9103



58.3918, 55.7658, 98.1288



54.0118, 55.7658, 32.1176

Square

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



58.3918, 55.7658, 98.1288



64.8239, 55.7658, 46.9748



47.9577, 55.7658, 34.2791



42.7155, 55.7658, 76.9134

Rectangle

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



58.3918, 55.7658, 98.1288



65.7087, 55.7658, 70.0344



47.9577, 55.7658, 34.2791



42.0520, 55.7658, 52.2694

Sweetspot

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



58.3936, 55.7681, 98.1301



83.7585, 86.1148, 106.8150



71.7188, 83.9320, 102.8639



17.7298, 18.1889, 22.8263



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.



58.3936, 55.7681, 98.1301



55.9550, 52.0823, 101.7115



66.7629, 60.0826, 98.5217



16.3919, 16.6992, 21.7446



9.3157, 3.7451, 48.2054



0.8996, 0.3658, 4.4664

Inverse Universe

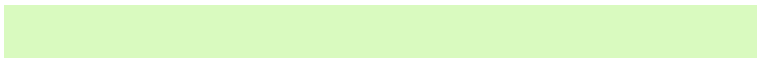
The Inverse Universe completely reimagines the original color for something new.



74.6913, 64.2415, 95.6538



75.5780, 62.2872, 98.6137



72.0778, 86.8195, 62.2515



17.9393, 17.5031, 21.5359



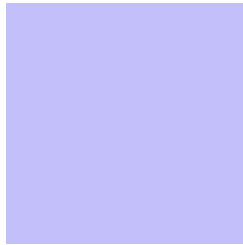
28.7395, 13.9115, 42.1980



2.6766, 1.2944, 3.9864

Previews

White Background



This preview shows how the XYZ color 58.3918, 55.7658, 98.1288 looks on a white background.

Color Contrast Check

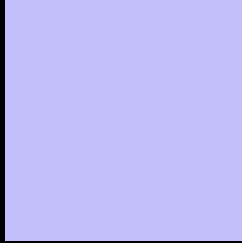
Large Text (above 18pt) WCAG AA × Fail

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 58.3918, 55.7658, 98.1288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

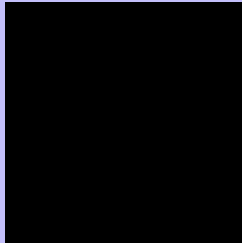
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3918, 55.7658, 98.1288

Background



This preview shows how black text looks on a background with the XYZ color 58.3918, 55.7658, 98.1288.

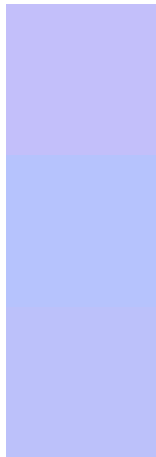


This preview shows how white text looks on a background with the XYZ color 58.3918, 55.7658,

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

58.3918, 55.7658, 98.1288

Protanopia

56.5361, 56.0671, 100.7708

Deuteranopia

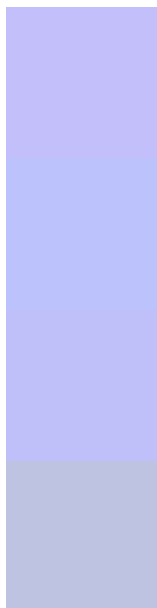
57.0643, 55.7334, 98.1925



Tritanopia

52.9434, 55.8836, 70.9470

Trichromacy



Original Color

58.3918, 55.7658, 98.1288

Protanomaly

57.3560, 56.1766, 99.9157

Deuteranomaly

57.5908, 55.6778, 98.1540

Tritanomaly

54.7284, 55.5976, 79.7984

Monochromacy



Original Color

58.3918, 55.7658, 98.1288

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.6835, 56.5476, 74.3096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3918, 55.7658, 98.1288 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(195, 191, 250)` looks like.

```
.text, #text, p{  
    color:rgb(195, 191, 250)  
}
```

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(195, 191, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 191, 250) }
```

Border

The CSS property to change the border of an element to XYZ 58.3918, 55.7658, 98.1288 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(195, 191, 250) }
```


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

```
.border{ border-color:rgb(195, 191, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 191, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 191, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 191, 250);  
box-shadow:4px 4px 4px 4px rgb(195, 191,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3918, 55.7658, 98.1288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 191, 250) }
```

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

```
.background{ background-color: rgb(195,  
191, 250) }
```

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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