

Converting Colors

XYZ(58.7931, 57.0209, 99.8741)

Have a look what the booklet for
XYZ(58.7931, 57.0209, 99.8741)
contains.

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Color

**XYZ(58.8548, 56.9493,
99.9858)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C2FC
RGB	193, 194, 252
RGB Percent	76%, 76%, 99%
CMY	0.2431, 0.2392, 0.0118
CMYK	0.23, 0.23, 0.00, 0.01
HSL	239°, 91%, 87%
HSV	239°, 23%, 99%
XYZ	58.8548, 56.9493, 99.9858
YIQ	200.3130, -19.2140, 17.8260

Conversions

Conversions Part 2

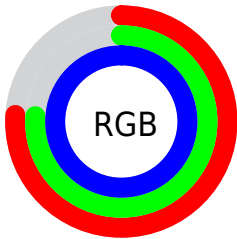
Format	Color
R _Y B	193, 194, 252
Decimal	12698364
CIE _{Lab}	80.15, 11.73, -28.62
CIE _{LCh}	80, 30.929, 292.282
Yxy	56.9493, 0.2727, 0.2639
Android (android.graphics.Color)	4290888444 (0xFFC1C2FC)
YUV	200.3130, 25.4817, -6.4135
Hunter-Lab	75.4648, 7.1484, -25.7300

Details

The XYZ color **58.8548, 56.9493, 99.9858** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.2685, 93.5404, 64.0675**, and the grayscale version is **54.9504, 57.8121, 62.9574**.

A 20% lighter version of the original color is **91.6599, 95.9152, 108.2902**, and **29.8564, 28.3932, 55.5366** is the 20% darker color. If you saturate the color by 10%, you get **47.9085, 43.7937, 98.0244**, and if you desaturate by 10%, it is **71.8184, 72.5116, 102.3073**.

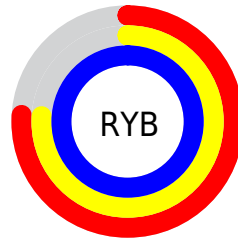
Distribution



Red (76%)

Green (76%)

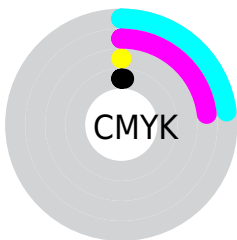
Blue (99%)



Red (76%)

Yellow (76%)

Blue (99%)

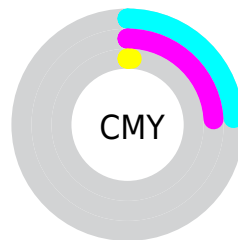


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (24%)

Magenta (24%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8548, 56.9493, 99.9858 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 58.8548, 56.9493, 99.9858 by changing the saturation by 10% instead.

■ 58.8548, 56.9493,
99.9858

■ 58.8548, 56.9493,
99.9858

410.2663,
413.2593, 581.3934

■ 42.7422, 40.9645,
75.6719

□ 102.2824,
100.3912, 163.1894

■ 29.8765, 28.2914,
55.6584

130.3281,
128.6171, 202.9161

■ 19.8925, 18.5454,
39.5270

163.0823,
161.6922, 248.6175

■ 12.4247, 11.3423,
26.8590

200.9101,
200.0009, 300.7121

■ 7.1079, 6.2975,
17.2358

244.1771,
243.9276, 359.6184

■ 3.5766, 3.0268,
10.2390

293.2486,

■ 1.4655, 1.1458,

293.8566, 425.7551

5.4501

348.4899,
350.1724, 499.5406

■ 0.3022, 0.0167,
2.4504

■ 0.0000, 0.0000,
0.8137

■ 58.8548, 56.9493,
99.9858

■ 58.8548, 56.9493,
99.9858

■ 47.9085, 43.7937,
98.0244

■ 71.8184, 72.5116,
102.3073

■ 38.8728, 32.9185,
96.4015

■ 86.8875, 90.5852,
105.0017

■ 31.6400, 24.1959,
95.0991

■ 94.5709, 99.8083,
106.3769

■ 26.0892, 17.4830,
94.0959

■ 22.0848, 12.6198,
93.3683

■ 19.4702, 9.4215,
92.8888

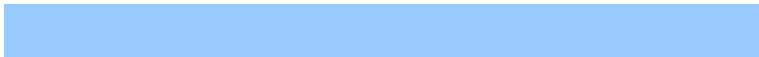
■ 18.0558, 7.6655,
92.6244

■ 17.6173, 7.1212,
92.5424

Harmonies

Analogous

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



52.5175, 56.9493, 103.1500



58.8548, 56.9493, 99.9858



64.2917, 56.9493, 85.7559

Triad

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



58.8548, 56.9493, 99.9858



61.8859, 56.9493, 38.4067



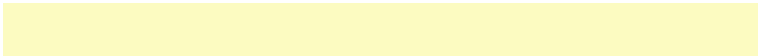
42.9861, 56.9493, 57.4632

Complementary

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



58.8548, 56.9493, 99.9858



84.2685, 93.5404, 64.0675

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.



45.0973, 56.9493, 43.1071



58.8548, 56.9493, 99.9858



55.7724, 56.9493, 33.5828

Square

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



58.8548, 56.9493, 99.9858



66.1342, 56.9493, 49.7575



49.6624, 56.9493, 35.1187



43.6717, 56.9493, 76.1206

Rectangle

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



58.8548, 56.9493, 99.9858



66.5122, 56.9493, 73.1811



49.6624, 56.9493, 35.1187



43.3862, 56.9493, 52.0345

Sweetspot

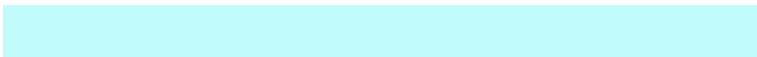
The Sweet Spot groups the original color and five complimentary colors.



58.8566, 56.9516, 99.9871



83.4406, 86.0813, 106.8253



74.0646, 87.8637, 103.5267



17.6565, 18.1812, 22.8287



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.



58.8566, 56.9516, 99.9871



55.0310, 51.9801, 101.7405



66.3190, 60.4689, 100.2727



16.3067, 16.6901, 21.7474



9.1875, 3.7306, 48.2094



0.8590, 0.3616, 4.4677

Inverse Universe

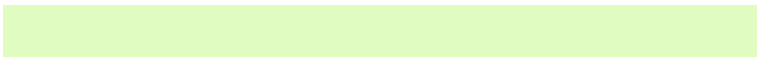
The Inverse Universe completely reimagines the original color for something new.



68.9540, 62.7321, 59.5156



67.0346, 58.8699, 53.6246



75.3227, 89.3942, 63.7387



17.2566, 17.2300, 17.9409



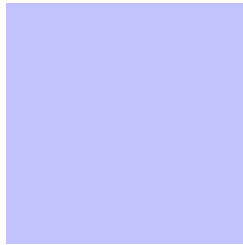
20.9295, 10.7875, 1.0710



1.9425, 1.0007, 0.1206

Previews

White Background



This preview shows how the XYZ color 58.8548, 56.9493, 99.9858 looks on a white background.

Color Contrast Check

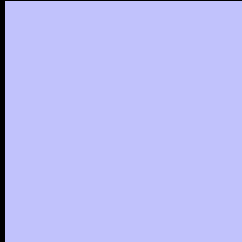
Large Text (above 18pt) WCAG AA × Fail

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 58.8548, 56.9493, 99.9858 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 58.8548, 56.9493, 99.9858

Background



This preview shows how black text looks on a background with the XYZ color 58.8548, 56.9493, 99.9858.



This preview shows how white text looks on a background with the XYZ color 58.8548, 56.9493,

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

58.8548, 56.9493, 99.9858

Protanopia

57.3965, 56.8260, 101.7093

Deuteranopia

58.3210, 57.0056, 100.0248



Tritanopia

53.2986, 56.7055, 73.1019

Trichromacy



Original Color

58.8548, 56.9493, 99.9858

Protanomaly

57.7382, 56.6869, 100.8270

Deuteranomaly

58.5717, 57.1349, 100.0365

Tritanomaly

55.3232, 56.8641, 82.1888

Monochromacy



Original Color

58.8548, 56.9493, 99.9858

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.0062, 57.3730, 75.1401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8548, 56.9493, 99.9858 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(193, 194, 252)` looks like.

```
.text, #text, p{  
    color:rgb(193, 194, 252)  
}
```

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(193, 194, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 194, 252) }
```

Border

The CSS property to change the border of an element to XYZ 58.8548, 56.9493, 99.9858 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(193, 194, 252) }
```


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

```
.border{ border-color:rgb(193, 194, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 194, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 194, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 194, 252);  
box-shadow:4px 4px 4px 4px rgb(193, 194,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8548, 56.9493, 99.9858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 194, 252) }
```

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

```
.background{ background-color: rgb(193,  
194, 252) }
```

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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