

Converting Colors

XYZ(77.2104, 63.7427,
198.3047)

Have a look what the booklet for
XYZ(77.2104, 63.7427, 198.3047)
contains.

XYZ(58.8920, 56.2567, 102.3624)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.8920, 56.2567,
102.3624)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C0FF
RGB	193, 192, 255
RGB Percent	76%, 75%, 100%
CMY	0.2431, 0.2470, 0.0000
CMYK	0.24, 0.25, 0.00, 0.00
HSL	241°, 100%, 88%
HSV	241°, 25%, 100%
XYZ	58.8920, 56.2567, 102.3624
YIQ	199.4810, -19.6270, 19.8050

Conversions

Conversions Part 2

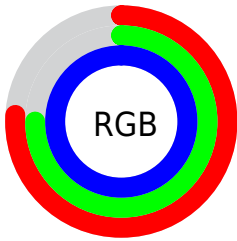
Format	Color
R_{YB}	193, 192, 255
Decimal	12697855
CIE _{Lab}	79.76, 13.50, -30.82
CIE _{LCh}	80, 33.651, 293.660
Yxy	56.2567, 0.2708, 0.2586
Android (android.graphics.Color)	4290887935 (0xFFC1C0FF)
YUV	199.4810, 27.3709, -5.6838
Hunter-Lab	75.0045, 8.8968, -28.4129

Details

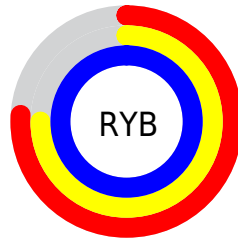
The XYZ color **58.8920, 56.2567, 102.3624** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.1481, 96.3969, 63.9374**, and the grayscale version is **54.4282, 57.2627, 62.3591**.

A 20% lighter version of the original color is **91.0417, 94.6788, 108.0842**, and **29.9069, 27.9457, 57.2439** is the 20% darker color. If you saturate the color by 10%, you get **47.9069, 42.9907, 100.3808**, and if you desaturate by 10%, it is **71.9359, 72.0265, 104.7188**.

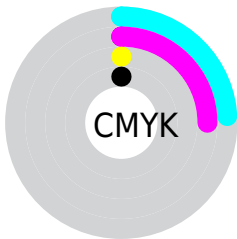
Distribution



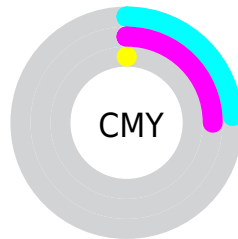
- Red (76%)
- Green (75%)
- Blue (100%)



- Red (76%)
- Yellow (75%)
- Blue (100%)



- Cyan (24%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8920, 56.2567, 102.3624 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 58.8920, 56.2567, 102.3624 by changing the saturation by 10% instead.

■ 58.8920, 56.2567,
102.3624

■ 58.8920, 56.2567,
102.3624

410.4021,
410.6582, 589.0517

■ 42.7722, 40.4088,
77.6471

■ 102.3362, 99.3798,
166.4800

■ 29.9002, 27.8574,
57.2694

130.3913,
127.4238, 206.7194

■ 19.9105, 18.2182,
40.8108

163.1556,
160.3019, 252.9705

■ 12.4379, 11.1068,
27.8527

200.9945,
198.3985, 305.6520

■ 7.1170, 6.1387,
17.9766

244.2732,
242.0980, 365.1823

■ 3.5823, 2.9296,
10.7639

293.3571,

■ 1.4687, 1.0951,

291.7849, 431.9800

5.7961

348.6116,
347.8435, 506.4636

■ 0.3044, 0.0000,
2.6547

■ 0.0000, 0.0000,
0.9205

■ 58.8920, 56.2567,
102.3624

■ 58.8920, 56.2567,
102.3624

■ 47.9069, 42.9907,
100.3808

■ 71.9359, 72.0265,
104.7188

■ 38.8707, 32.0938,
98.7538

■ 87.1310, 90.4128,
107.4669

■ 31.6712, 23.4285,
97.4606

95.0500, 100.0000,
108.9000

■ 26.1825, 16.8404,
96.4783

■ 22.2629, 12.1559,
95.7807

■ 19.7482, 9.1727,
95.3374

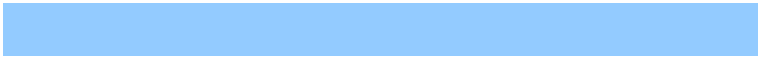
■ 18.4377, 7.6432,
95.1113

■ 18.1006, 7.2461,
95.0524

Harmonies

Analogous

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



52.0390, 56.2567, 106.5283



58.8920, 56.2567, 102.3624



64.7115, 56.2567, 86.2369

Triad

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



58.8920, 56.2567, 102.3624



61.6004, 56.2567, 35.7667



41.4973, 56.2567, 57.2102

Complementary

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



58.8920, 56.2567, 102.3624



86.1481, 96.3969, 63.9374

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.



43.6127, 56.2567, 41.6323



58.8920, 56.2567, 102.3624



54.9276, 56.2567, 31.0608

Square

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



58.8920, 56.2567, 102.3624



66.3656, 56.2567, 47.4196



48.3920, 56.2567, 32.9542



42.3640, 56.2567, 77.5471

Rectangle

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



58.8920, 56.2567, 102.3624



67.0272, 56.2567, 72.4071



48.3920, 56.2567, 32.9542



41.8770, 56.2567, 51.3093

Sweetspot

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



58.8937, 56.2589, 102.3628



83.4475, 85.9545, 106.8005



75.5492, 89.9470, 107.9874



17.6581, 18.1520, 22.8229



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.



58.8937, 56.2589, 102.3628



52.8259, 48.9291, 101.2678



67.4868, 60.6888, 102.7649



17.0297, 17.3915, 22.7093



9.4695, 3.7922, 49.6675



0.9310, 0.3739, 4.8364

Inverse Universe

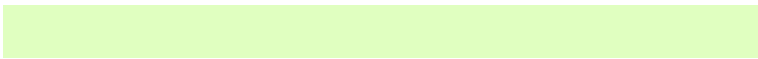
The Inverse Universe completely reimagines the original color for something new.



77.9800, 66.1168, 102.4182



75.1152, 60.4422, 101.2941



75.8612, 91.0938, 63.4560



18.7795, 18.2951, 22.7221



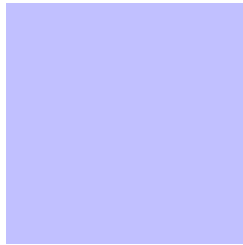
30.6492, 14.7490, 48.9304



2.9880, 1.4376, 4.7844

Previews

White Background



This preview shows how the XYZ color 58.8920, 56.2567, 102.3624 looks on a white background.

Color Contrast Check

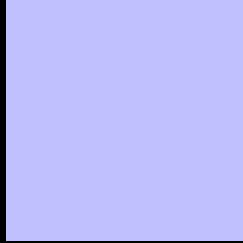
Large Text (above 18pt) WCAG AA × Fail

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 58.8920, 56.2567, 102.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

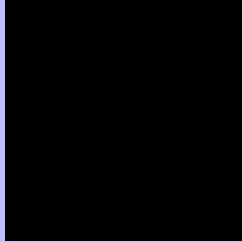
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8920, 56.2567, 102.3624

Background



This preview shows how black text looks on a background with the XYZ color 58.8920, 56.2567, 102.3624.

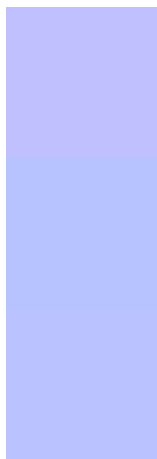


This preview shows how white text looks on a background with the XYZ color 58.8920, 56.2567,

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

58.8920, 56.2567, 102.3624

Protanopia

56.8565, 56.1953, 102.4579

Deuteranopia

57.5915, 56.2427, 102.4283



Tritanopia

52.6967, 56.0674, 72.3347

Trichromacy



Original Color

58.8920, 56.2567, 102.3624

Protanomaly

57.5915, 56.2427, 102.4283

Deuteranomaly

58.1062, 56.1787, 102.3888

Tritanomaly

54.7619, 55.8844, 82.7634

Monochromacy



Original Color

58.8920, 56.2567, 102.3624

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.5521, 56.4646, 74.9887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8920, 56.2567, 102.3624 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, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 192, 255)  
}
```

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, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.8920, 56.2567, 102.3624 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, 192, 255) }
```


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

```
.border{ border-color:rgb(193, 192, 255) }
```

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

Here you see how a box with a 4 pixel rgb(193, 192, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8920, 56.2567, 102.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 192, 255) }
```

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

```
.background{ background-color: rgb(193,  
192, 255) }
```

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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