

Converting Colors

XYZ(58.5576, 53.6929, 95.2731)

Have a look what the booklet for
XYZ(58.5576, 53.6929, 95.2731)
contains.

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Color

**XYZ(58.5576, 53.6929,
95.2731)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB8F7
RGB	203, 184, 247
RGB Percent	80%, 72%, 97%
CMY	0.2039, 0.2784, 0.0314
CMYK	0.18, 0.26, 0.00, 0.03
HSL	258°, 80%, 85%
HSV	258°, 26%, 97%
XYZ	58.5576, 53.6929, 95.2731
YIQ	196.8630, -8.8990, 23.6210

Conversions

Conversions Part 2

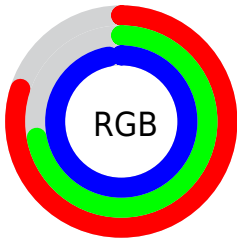
Format	Color
R _Y B	203, 184, 247
Decimal	13351159
CIE Lab	78.28, 19.06, -28.74
CIE LCh	78, 34.486, 303.559
Yxy	53.6929, 0.2822, 0.2587
Android (android.graphics.Color)	4291541239 (0xFFCBB8F7)
YUV	196.8630, 24.7175, 5.3821
Hunter-Lab	73.2754, 14.4151, -25.7964

Details

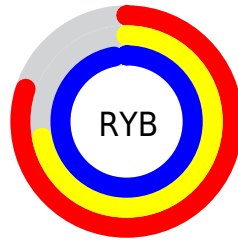
The XYZ color **58.5576, 53.6929, 95.2731** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.9091, 86.4775, 58.1462**, and the grayscale version is **52.8493, 55.6015, 60.5501**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **29.6233, 26.2462, 52.2199** is the 20% darker color. If you saturate the color by 10%, you get **49.4285, 42.0245, 93.5029**, and if you desaturate by 10%, it is **69.1087, 67.4267, 97.3688**.

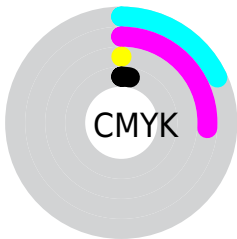
Distribution



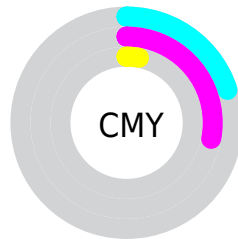
- Red (80%)
- Green (72%)
- Blue (97%)



- Red (80%)
- Yellow (72%)
- Blue (97%)



- Cyan (18%)
- Magenta (26%)
- Yellow (0%)
- Black (3%)



- Cyan (20%)
- Magenta (28%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5576, 53.6929, 95.2731 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 58.5576, 53.6929, 95.2731 by changing the saturation by 10% instead.

■ 58.5576, 53.6929,
95.2731

■ 58.5576, 53.6929,
95.2731

409.1809,
400.9379, 566.0456

■ 42.5021, 38.3562,
71.7642

■ 101.8527, 95.6232,
156.6407

■ 29.6875, 26.2593,
52.4804

129.8230,
122.9856, 195.3364

■ 19.7484, 17.0177,
37.0032

162.4957,
155.1253, 239.9314

■ 12.3195, 10.2471,
24.9142

200.2360,
192.4267, 290.8443

■ 7.0354, 5.5631,
15.7947

243.4093,
235.2743, 348.4937

■ 3.5308, 2.5813,
9.2262

292.3810,

■ 1.4403, 0.9173,

284.0525, 413.2980

4.7902

347.5164,
339.1455, 485.6757

■ 0.2846, 0.0000,
2.0681

■ 0.0000, 0.0000,
0.5967

■ 58.5576, 53.6929,
95.2731

■ 58.5576, 53.6929,
95.2731

■ 49.4285, 42.0245,
93.5029

■ 69.1087, 67.4267,
97.3688

■ 41.6527, 32.3130,
92.0382

■ 81.1361, 83.3141,
99.8014

■ 35.1630, 24.4498,
90.8625

■ 93.6990, 99.4492,
102.2537

■ 29.8844, 18.3128,
89.9562

■ 93.7887, 99.4955,
102.2579

■ 25.7332, 13.7646,
89.2971

■ 22.6135, 10.6460,
88.8595

■ 20.4105, 8.7620,
88.6120

■ 19.6505, 8.1908,
88.5418

Harmonies

Analogous

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



51.8443, 53.6929, 104.0170



58.5576, 53.6929, 95.2731



63.5727, 53.6929, 76.6447

Triad

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



58.5576, 53.6929, 95.2731



57.0399, 53.6929, 31.0744



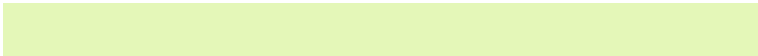
39.1338, 53.6929, 60.8028

Complementary

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



58.5576, 53.6929, 95.2731



73.9091, 86.4775, 58.1462

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.



40.2620, 53.6929, 43.4104



58.5576, 53.6929, 95.2731



50.2312, 53.6929, 28.6343

Square

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



58.5576, 53.6929, 95.2731



62.6436, 53.6929, 40.2118



44.1832, 53.6929, 32.6147



40.9546, 53.6929, 81.5374

Rectangle

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



58.5576, 53.6929, 95.2731



65.0627, 53.6929, 62.7365



44.1832, 53.6929, 32.6147



39.1815, 53.6929, 54.3870

Sweetspot

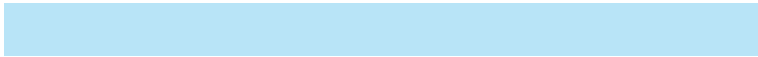
The Sweet Spot groups the original color and five complimentary colors.



58.5593, 53.6951, 95.2743



83.8350, 85.0650, 106.6084



64.3283, 72.4493, 98.5902



17.5180, 17.6433, 22.7321



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.



58.5593, 53.6951, 95.2743



57.3288, 50.5015, 101.3339



67.9938, 58.5587, 95.7158



16.0510, 16.1689, 20.8175



10.5175, 4.3963, 46.8323



1.0240, 0.4378, 4.1208

Inverse Universe

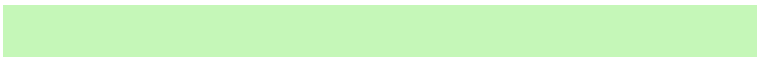
The Inverse Universe completely reimagines the original color for something new.



69.5035, 59.6587, 81.2529



71.2020, 58.0697, 83.1760



64.8356, 81.7999, 57.7215



16.9883, 16.6782, 19.6850



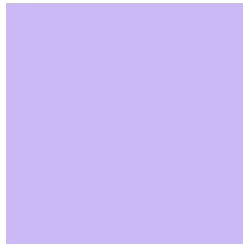
24.3162, 12.0699, 22.1714



2.1825, 1.0790, 2.1876

Previews

White Background



This preview shows how the XYZ color 58.5576, 53.6929, 95.2731 looks on a white background.

Color Contrast Check

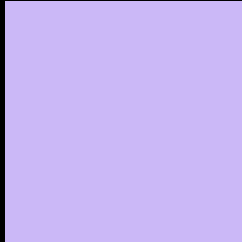
Large Text (above 18pt) WCAG AA × Fail

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 58.5576, 53.6929, 95.2731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

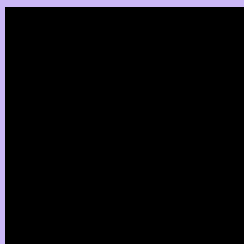
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5576, 53.6929, 95.2731

Background



This preview shows how black text looks on a background with the XYZ color 58.5576, 53.6929, 95.2731.



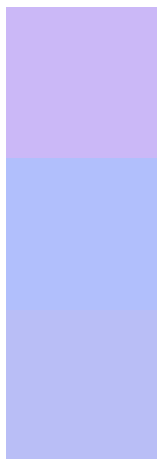
This preview shows how white text looks on a background with the XYZ color 58.5576, 53.6929,

95.2731.

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

58.5576, 53.6929, 95.2731

Protanopia

54.3330, 53.6370, 99.5848

Deuteranopia

55.0556, 53.7950, 94.6705



Tritanopia

52.6582, 53.5024, 66.5831

Trichromacy



Original Color

58.5576, 53.6929, 95.2731

Protanomaly

55.4882, 53.3077, 97.8073

Deuteranomaly

56.3560, 53.8267, 94.6081

Tritanomaly

54.7212, 53.3825, 76.5270

Monochromacy



Original Color

58.5576, 53.6929, 95.2731

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.6686, 54.7477, 71.9760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5576, 53.6929, 95.2731 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, 184, 247)` looks like.

```
.text, #text, p{  
    color:rgb(203, 184, 247)  
}
```

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, 184, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 184, 247) }
```

Border

The CSS property to change the border of an element to XYZ 58.5576, 53.6929, 95.2731 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, 184, 247) }
```


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

```
.border{ border-color:rgb(203, 184, 247) }
```

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

Here you see how a box with a 4 pixel rgb(203, 184, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 184, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 184, 247);  
box-shadow:4px 4px 4px 4px rgb(203, 184,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5576, 53.6929, 95.2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 184, 247) }
```

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

```
.background{ background-color: rgb(203,  
184, 247) }
```

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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