

Converting Colors

XYZ(55.8377, 53.2788, 92.9288)

Have a look what the booklet for
XYZ(55.8377, 53.2788, 92.9288)
contains.

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Color

**XYZ(55.8377, 53.2788,
92.9288)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C0BBF4 |
| RGB | 192, 187, 244 |
| RGB Percent | 75%, 73%, 96% |
| CMY | 0.2470, 0.2667, 0.0431 |
| CMYK | 0.21, 0.23, 0.00, 0.04 |
| HSL | 245°, 72%, 85% |
| HSV | 245°, 23%, 96% |
| XYZ | 55.8377, 53.2788, 92.9288 |
| YIQ | 194.9930, -15.3170, 18.7870 |

Conversions

Conversions Part 2

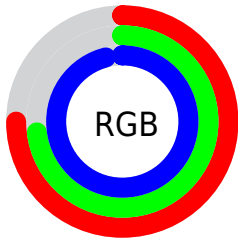
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 192, 187, 244 |
| Decimal | 12631028 |
| CIE Lab | 78.04, 13.42, -27.57 |
| CIE LCh | 78, 30.667, 295.950 |
| Yxy | 53.2788, 0.2764, 0.2637 |
| Android (android.graphics.Color) | 4290821108 (0xFFC0BBF4) |
| YUV | 194.9930, 24.1605, -2.6249 |
| Hunter-Lab | 72.9923, 8.8124, -24.3893 |

Details

The XYZ color **55.8377, 53.2788, 92.9288** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.9186, 86.6412, 59.6854**, and the grayscale version is **51.7362, 54.4306, 59.2749**.

A 20% lighter version of the original color is **89.1675, 91.4609, 107.5618**, and **28.0834, 26.0843, 51.1316** is the 20% darker color. If you saturate the color by 10%, you get **45.8782, 41.1031, 91.1045**, and if you desaturate by 10%, it is **67.5325, 67.6571, 95.0886**.

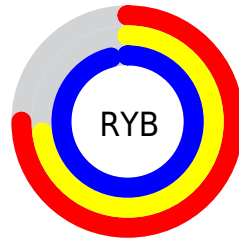
Distribution



Red (75%)

Green (73%)

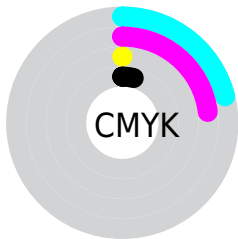
Blue (96%)



Red (75%)

Yellow (73%)

Blue (96%)

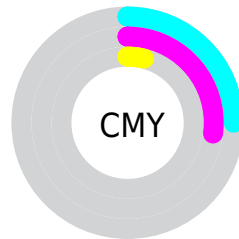


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8377, 53.2788, 92.9288 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 55.8377, 53.2788, 92.9288 by changing the saturation by 10% instead.

■ 55.8377, 53.2788,
92.9288

■ 55.8377, 53.2788,
92.9288

399.1645,
399.3538, 558.3268

■ 40.3093, 38.0254,
69.8250

■ 97.9084, 95.0145,
153.3709

■ 27.9651, 26.0024,
50.9079

125.1815,
122.2656, 191.5462

■ 18.4396, 16.8254,
35.7591

157.1001,
154.2846, 235.5825

■ 11.3677, 10.1101,
23.9600

194.0297,
191.4561, 285.8983

■ 6.3838, 5.4720,
15.0920

236.3355,
234.1644, 342.9121

■ 3.1227, 2.5268,
8.7367

284.3831,

■ 1.2190, 0.8900,

282.7938, 407.0424

4.4754

338.5376,
337.7288, 478.7078

■ 0.1213, 0.0000,
1.8896

■ 0.0000, 0.0000,
0.4861

■ 55.8377, 53.2788,
92.9288

■ 55.8377, 53.2788,
92.9288

■ 45.8782, 41.1031,
91.1045

■ 67.5325, 67.6571,
95.0886

■ 37.5663, 31.0150,
89.5953

■ 81.0345, 84.3326,
97.5957

■ 30.8144, 22.8988,
88.3846

■ 93.3293, 99.3117,
99.8389

■ 25.5245, 16.6252,
87.4525

■ 21.5876, 12.0489,
86.7767

■ 18.8793, 9.0031,
86.3315

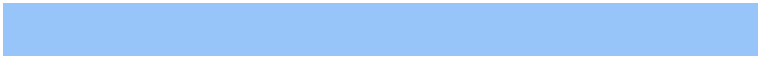
■ 17.2515, 7.2867,
86.0860

■ 16.6471, 6.6955,
86.0038

Harmonies

Analogous

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



49.8325, 53.2788, 97.4307



55.8377, 53.2788, 92.9288



60.7724, 53.2788, 78.4631

Triad

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



55.8377, 53.2788, 92.9288



57.3518, 53.2788, 34.7891



40.0184, 53.2788, 55.7176

Complementary

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



55.8377, 53.2788, 92.9288



76.9186, 86.6412, 59.6854

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.



41.7013, 53.2788, 41.4638



55.8377, 53.2788, 92.9288



51.4560, 53.2788, 30.9821

Square

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



55.8377, 53.2788, 92.9288



61.6937, 53.2788, 44.7668



45.7751, 53.2788, 33.1618



40.9922, 53.2788, 73.6406

Rectangle

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



55.8377, 53.2788, 92.9288



62.6280, 53.2788, 66.3753



45.7751, 53.2788, 33.1618



40.2884, 53.2788, 50.3817

Sweetspot

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



55.8394, 53.2810, 92.9300



83.8782, 86.1765, 106.8206



67.7640, 78.9773, 97.2614



17.7574, 18.2032, 22.8276



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.



55.8394, 53.2810, 92.9300



56.3082, 52.2644, 101.7280



63.6922, 57.3292, 93.2975



15.7159, 15.9962, 20.8018



9.0982, 3.6646, 46.7658



0.8448, 0.3453, 4.1124

Inverse Universe

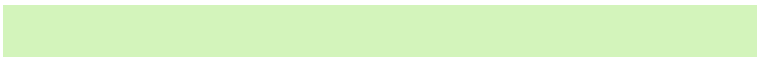
The Inverse Universe completely reimagines the original color for something new.



70.6602, 61.0078, 89.7148



75.3556, 62.1983, 97.4425



68.1143, 82.1025, 59.2734



17.1473, 16.7418, 20.5221



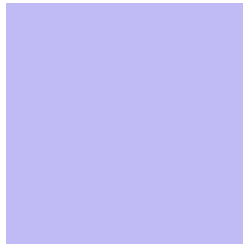
27.5253, 13.3536, 39.0702



2.4373, 1.1809, 3.5290

Previews

White Background



This preview shows how the XYZ color 55.8377, 53.2788, 92.9288 looks on a white background.

Color Contrast Check

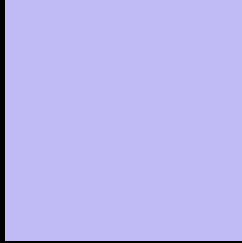
Large Text (above 18pt) WCAG AA × Fail

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 55.8377, 53.2788, 92.9288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

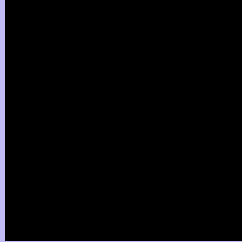
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8377, 53.2788, 92.9288

Background



This preview shows how black text looks on a background with the XYZ color 55.8377, 53.2788, 92.9288.



This preview shows how white text looks on a background with the XYZ color 55.8377, 53.2788,

92.9288.

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

55.8377, 53.2788, 92.9288

Protanopia

54.0097, 53.5607, 95.4873

Deuteranopia

54.5343, 53.2411, 92.9902



Tritanopia

50.5862, 53.0577, 67.8966

Trichromacy



Original Color

55.8377, 53.2788, 92.9288

Protanomaly

54.8152, 53.6711, 94.6593

Deuteranomaly

55.0514, 53.1895, 92.9530

Tritanomaly

52.5547, 53.2269, 76.6111

Monochromacy



Original Color

55.8377, 53.2788, 92.9288

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.1080, 53.9727, 70.5695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8377, 53.2788, 92.9288 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(192, 187, 244)` looks like.

```
.text, #text, p{  
    color:rgb(192, 187, 244)  
}
```

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(192, 187, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 187, 244) }
```

Border

The CSS property to change the border of an element to XYZ 55.8377, 53.2788, 92.9288 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(192, 187, 244) }
```


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

```
.border{ border-color:rgb(192, 187, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 187, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 187, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 187, 244);  
box-shadow:4px 4px 4px 4px rgb(192, 187,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8377, 53.2788, 92.9288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 187, 244) }
```

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

```
.background{ background-color: rgb(192,  
187, 244) }
```

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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