

Converting Colors

XYZ(55.8448, 53.9032, 81.9563)

Have a look what the booklet for
XYZ(55.8448, 53.9032, 81.9563)
contains.

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Color

**XYZ(55.8193, 53.8217,
82.3095)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BCE6
RGB	199, 188, 230
RGB Percent	78%, 74%, 90%
CMY	0.2196, 0.2627, 0.0980
CMYK	0.13, 0.18, 0.00, 0.10
HSL	256°, 46%, 82%
HSV	256°, 18%, 90%
XYZ	55.8193, 53.8217, 82.3095
YIQ	196.0770, -6.9260, 15.3940

Conversions

Conversions Part 2

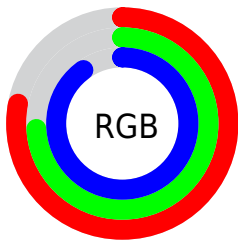
Format	Color
R _Y B	199, 188, 230
Decimal	13090022
CIE Lab	78.36, 12.00, -19.51
CIE LCh	78, 22.902, 301.603
Yxy	53.8217, 0.2908, 0.2804
Android (android.graphics.Color)	4291280102 (0xFFC7BCE6)
YUV	196.0770, 16.7240, 2.5635
Hunter-Lab	73.3633, 7.4281, -15.1658

Details

The XYZ color **55.8193, 53.8217, 82.3095** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.5892, 75.2859, 58.6014**, and the grayscale version is **52.4227, 55.1528, 60.0614**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **27.9810, 26.4037, 43.6661** is the 20% darker color. If you saturate the color by 10%, you get **47.0363, 42.5732, 80.6021**, and if you desaturate by 10%, it is **65.8912, 66.8998, 84.3038**.

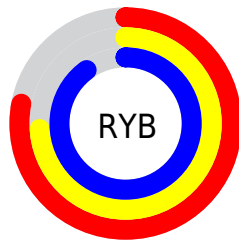
Distribution



Red (78%)

Green (74%)

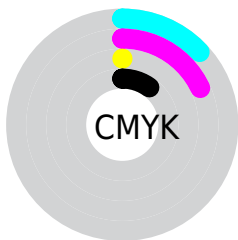
Blue (90%)



Red (78%)

Yellow (74%)

Blue (90%)

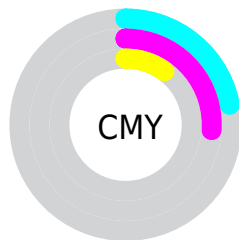


Cyan (13%)

Magenta (18%)

Yellow (0%)

Black (10%)



Cyan (22%)

Magenta (26%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8193, 53.8217, 82.3095 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 55.8193, 53.8217, 82.3095 by changing the saturation by 10% instead.

■ 55.8193, 53.8217,
82.3095

■ 55.8193, 53.8217,
82.3095

399.0962,
401.4297, 522.5930

■ 40.2945, 38.4591,
61.0834

■ 97.8817, 95.8124,
138.4485

■ 27.9535, 26.3392,
43.8615

125.1499,
123.2093, 174.1985

■ 18.4309, 17.0776,
30.2252

157.0634,
155.3865, 215.6268

■ 11.3613, 10.2898,
19.7561

193.9874,
192.7283, 263.1521

■ 6.3795, 5.5915,
12.0356

236.2874,
235.6191, 317.1928

■ 3.1200, 2.5983,
6.6451

284.3286,

■ 1.2175, 0.9258,

284.4434, 378.1675

3.1661

338.4764,
339.5854, 446.4947

■ 0.1202, 0.0000,
1.1800

■ 0.0000, 0.0000,
0.0000

■ 55.8193, 53.8217,
82.3095

■ 55.8193, 53.8217,
82.3095

■ 47.0363, 42.5732,
80.6021

■ 65.8912, 66.8998,
84.3038

■ 39.4837, 33.0649,
79.1649

■ 77.2972, 81.8778,
86.5937

■ 33.1059, 25.2104,
77.9849

■ 89.4435, 97.5449,
88.9776

■ 27.8409, 18.9125,
77.0468

■ 91.2831, 98.4932,
89.0637

■ 23.6205, 14.0641,
76.3334

■ 20.3685, 10.5438,
75.8253

■ 17.9971, 8.2098,
75.4998

■ 16.3883, 6.8630,
75.3247

■ 16.1605, 6.6811,
75.3015

Harmonies

Analogous

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



51.3980, 53.8217, 86.9864



55.8193, 53.8217, 82.3095



59.1404, 53.8217, 71.1783

Triad

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



55.8193, 53.8217, 82.3095



55.3767, 53.8217, 39.4165



42.9948, 53.8217, 59.2977

Complementary

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



55.8193, 53.8217, 82.3095



66.5892, 75.2859, 58.6014

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.



43.9245, 53.8217, 47.6031



55.8193, 53.8217, 82.3095



50.9146, 53.8217, 37.1814

Square

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



55.8193, 53.8217, 82.3095



58.8746, 53.8217, 46.5667



46.7598, 53.8217, 39.9503



44.1432, 53.8217, 72.5521

Rectangle

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



55.8193, 53.8217, 82.3095



60.1899, 53.8217, 62.2916



46.7598, 53.8217, 39.9503



43.0743, 53.8217, 55.0624

Sweetspot

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



55.8210, 53.8239, 82.3107



87.7386, 90.3917, 107.4308



60.4859, 67.3305, 84.6719



18.5672, 19.0691, 22.9521



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.



55.8210, 53.8239, 82.3107



66.0627, 62.2555, 103.1424



61.6319, 56.8196, 82.5826



13.9350, 14.0687, 18.1254



9.2467, 3.8327, 42.6356



0.7688, 0.3273, 3.1546

Inverse Universe

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



63.4043, 57.9061, 74.8555



77.4146, 68.3705, 91.7957



60.7964, 72.2996, 58.3303



14.8255, 14.5474, 17.2815



22.6232, 11.1835, 22.7087



1.7094, 0.8415, 1.8761

Previews

White Background



This preview shows how the XYZ color 55.8193, 53.8217, 82.3095 looks on a white background.

Color Contrast Check

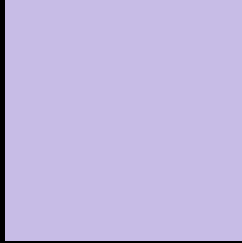
Large Text (above 18pt) WCAG AA × Fail

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 55.8193, 53.8217, 82.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

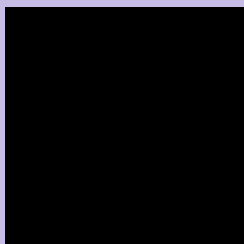
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8193, 53.8217, 82.3095

Background



This preview shows how black text looks on a background with the XYZ color 55.8193, 53.8217, 82.3095.



This preview shows how white text looks on a background with the XYZ color 55.8193, 53.8217,

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

55.8193, 53.8217, 82.3095

Protanopia

53.5652, 53.8968, 84.6707

Deuteranopia

54.9862, 53.7105, 82.3320



Tritanopia

52.6178, 53.8064, 66.6439

Trichromacy



Original Color

55.8193, 53.8217, 82.3095

Protanomaly

54.4315, 54.0349, 83.9049

Deuteranomaly

55.2455, 53.8441, 82.3441

Tritanomaly

53.6615, 53.9037, 71.8662

Monochromacy



Original Color

55.8193, 53.8217, 82.3095

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.4811, 54.5643, 67.3877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8193, 53.8217, 82.3095 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(199, 188, 230)` looks like.

```
.text, #text, p{  
    color:rgb(199, 188, 230)  
}
```

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(199, 188, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 230) }
```

Border

The CSS property to change the border of an element to XYZ 55.8193, 53.8217, 82.3095 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(199, 188, 230) }
```


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

```
.border{ border-color:rgb(199, 188, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 188, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 188, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 188, 230);  
box-shadow:4px 4px 4px 4px rgb(199, 188,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8193, 53.8217, 82.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 188, 230) }
```

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

```
.background{ background-color: rgb(199,  
188, 230) }
```

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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