

Converting Colors

XYZ(55.6754, 53.5989, 79.5948)

Have a look what the booklet for
XYZ(55.6754, 53.5989, 79.5948)
contains.

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Color

**XYZ(55.5852, 53.4491,
79.3386)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BBE2
RGB	201, 187, 226
RGB Percent	79%, 73%, 89%
CMY	0.2118, 0.2666, 0.1137
CMYK	0.11, 0.17, 0.00, 0.11
HSL	262°, 40%, 81%
HSV	262°, 17%, 89%
XYZ	55.5852, 53.4491, 79.3386
YIQ	195.6320, -4.1750, 15.0970

Conversions

Conversions Part 2

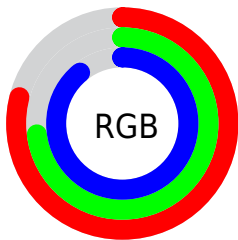
Format	Color
R _Y B	201, 187, 226
Decimal	13220834
CIE Lab	78.14, 12.36, -17.66
CIE LCh	78, 21.555, 304.974
Yxy	53.4491, 0.2951, 0.2837
Android (android.graphics.Color)	4291410914 (0xFFC9BBE2)
YUV	195.6320, 14.9714, 4.7077
Hunter-Lab	73.1089, 7.7742, -13.1660

Details

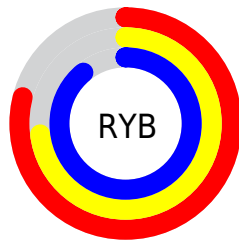
The XYZ color **55.5852, 53.4491, 79.3386** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.3192, 71.9790, 57.5722**, and the grayscale version is **52.1654, 54.8821, 59.7666**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **27.9084, 26.1935, 42.1130** is the 20% darker color. If you saturate the color by 10%, you get **47.4504, 42.6905, 77.6916**, and if you desaturate by 10%, it is **64.8451, 65.9105, 81.2567**.

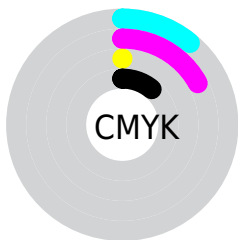
Distribution



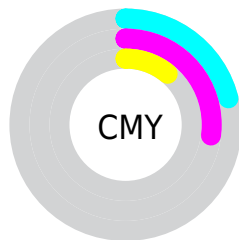
- Red (79%)
- Green (73%)
- Blue (89%)



- Red (79%)
- Yellow (73%)
- Blue (89%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5852, 53.4491, 79.3386 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 55.5852, 53.4491, 79.3386 by changing the saturation by 10% instead.

■ 55.5852, 53.4491,
79.3386

■ 55.5852, 53.4491,
79.3386

398.2268,
400.0058, 512.3489

■ 40.1061, 38.1614,
58.6513

■ 97.5412, 95.2649,
134.2384

■ 27.8059, 26.1080,
41.9143

124.7488,
122.5618, 169.2880

■ 18.3191, 16.9044,
28.7091

156.5966,
154.6305, 209.9621

■ 11.2804, 10.1664,
18.6172

193.4501,
191.8555, 256.6792

■ 6.3244, 5.5094,
11.2200

235.6745,
234.6211, 309.8579

■ 3.0859, 2.5491,
6.0990

283.6351,

■ 1.1993, 0.9012,

283.3118, 369.9167

2.8356

337.6975,
338.3119, 437.2742

■ 0.1058, 0.0000,
1.0113

■ 0.0000, 0.0000,
0.0000

■ 55.5852, 53.4491,
79.3386

■ 55.5852, 53.4491,
79.3386

■ 47.4504, 42.6905,
77.6916

■ 64.8451, 65.9105,
81.2567

■ 40.3905, 33.5524,
76.2998

■ 75.2679, 80.1389,
83.4537

■ 34.3587, 25.9557,
75.1514

■ 86.8954, 96.2030,
85.9416

■ 29.3023, 19.8116,
74.2320

■ 90.7276, 98.2711,
86.1387

■ 25.1636, 15.0221,
73.5257

■ 21.8783, 11.4765,
73.0145

■ 19.3721, 9.0460,
72.6774

■ 17.5503, 7.5616,
72.4869

■ 17.1315, 7.2458,
72.4480

Harmonies

Analogous

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



51.5070, 53.4491, 84.4869



55.5852, 53.4491, 79.3386



58.4965, 53.4491, 68.5668

Triad

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



55.5852, 53.4491, 79.3386



54.3041, 53.4491, 39.6142



43.1556, 53.4491, 60.2307

Complementary

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



55.5852, 53.4491, 79.3386



63.3192, 71.9790, 57.5722

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.



43.8133, 53.4491, 48.9293



55.5852, 53.4491, 79.3386



50.1030, 53.4491, 38.0193

Square

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



55.5852, 53.4491, 79.3386



57.7287, 53.4491, 45.8925



46.3009, 53.4491, 41.1904



44.4524, 53.4491, 72.5250

Rectangle

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



55.5852, 53.4491, 79.3386



59.3009, 53.4491, 60.2519



46.3009, 53.4491, 41.1904



43.1561, 53.4491, 56.1893

Sweetspot

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



55.5868, 53.4513, 79.3398



88.1732, 90.6158, 107.4511



57.8539, 63.3197, 81.1251



18.6726, 19.1235, 22.9570



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.



55.5868, 53.4513, 79.3398



68.7606, 64.5241, 103.4381



61.0600, 56.2729, 79.5959



13.4141, 13.4815, 17.2829



9.8914, 4.1945, 41.3367



0.7811, 0.3399, 2.8697

Inverse Universe

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



61.0198, 56.4651, 69.9724



77.3398, 69.2867, 88.4856



58.1219, 69.2997, 57.3290



14.0753, 13.8477, 16.1666



20.8622, 10.4119, 16.4720



1.4884, 0.7386, 1.3645

Previews

White Background



This preview shows how the XYZ color 55.5852, 53.4491, 79.3386 looks on a white background.

Color Contrast Check

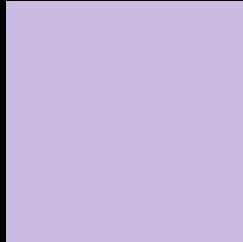
Large Text (above 18pt) WCAG AA × Fail

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 55.5852, 53.4491, 79.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

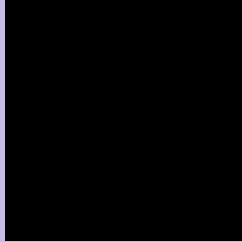
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5852, 53.4491, 79.3386

Background



This preview shows how black text looks on a background with the XYZ color 55.5852, 53.4491, 79.3386.



This preview shows how white text looks on a background with the XYZ color 55.5852, 53.4491,

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

55.5852, 53.4491, 79.3386

Protanopia

53.2422, 53.7955, 81.7061

Deuteranopia

54.6900, 53.6219, 79.4191



Tritanopia

53.0601, 53.7236, 65.9656

Trichromacy



Original Color

55.5852, 53.4491, 79.3386

Protanomaly

53.9029, 53.5047, 80.8852

Deuteranomaly

54.9994, 53.4632, 79.3722

Tritanomaly

53.9769, 53.7731, 70.4852

Monochromacy



Original Color

55.5852, 53.4491, 79.3386

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.6212, 54.6507, 66.7540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5852, 53.4491, 79.3386 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(201, 187, 226)` looks like.

```
.text, #text, p{  
    color:rgb(201, 187, 226)  
}
```

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(201, 187, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 187, 226) }
```

Border

The CSS property to change the border of an element to XYZ 55.5852, 53.4491, 79.3386 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(201, 187, 226) }
```


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

```
.border{ border-color:rgb(201, 187, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 187, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 187, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 187, 226);  
box-shadow:4px 4px 4px 4px rgb(201, 187,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5852, 53.4491, 79.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 187, 226) }
```

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

```
.background{ background-color: rgb(201,  
187, 226) }
```

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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