

Converting Colors

XYZ(54.5447, 52.2886, 79.1718)

Have a look what the booklet for
XYZ(54.5447, 52.2886, 79.1718)
contains.

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Color

**XYZ(54.6296, 52.3310,
79.1731)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B9E2
RGB	199, 185, 226
RGB Percent	78%, 73%, 89%
CMY	0.2196, 0.2745, 0.1137
CMYK	0.12, 0.18, 0.00, 0.11
HSL	260°, 41%, 81%
HSV	260°, 18%, 89%
XYZ	54.6296, 52.3310, 79.1731
YIQ	193.8600, -4.8170, 15.7190

Conversions

Conversions Part 2

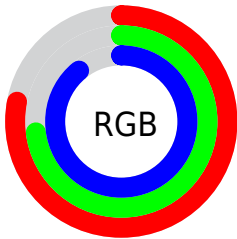
Format	Color
R_{YB}	199, 185, 226
Decimal	13089250
CIE _{Lab}	77.48, 12.80, -18.68
CIE _{LCh}	77, 22.640, 304.414
Yxy	52.3310, 0.2935, 0.2811
Android (android.graphics.Color)	4291279330 (0xFFC7B9E2)
YUV	193.8600, 15.8450, 4.5078
Hunter-Lab	72.3402, 8.2037, -14.2522

Details

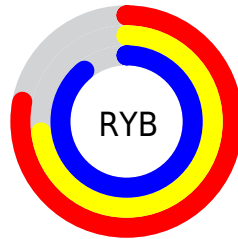
The XYZ color **54.6296, 52.3310, 79.1731** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.1065, 71.8939, 56.4522**, and the grayscale version is **51.1081, 53.7697, 58.5552**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **27.2790, 25.4625, 42.0051** is the 20% darker color. If you saturate the color by 10%, you get **46.5148, 41.6793, 77.5456**, and if you desaturate by 10%, it is **63.8854, 64.6891, 81.0714**.

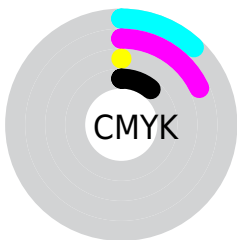
Distribution



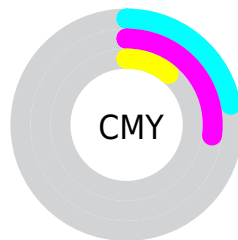
- Red (78%)
- Green (73%)
- Blue (89%)



- Red (78%)
- Yellow (73%)
- Blue (89%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6296, 52.3310, 79.1731 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 54.6296, 52.3310, 79.1731 by changing the saturation by 10% instead.

■ 54.6296, 52.3310,
79.1731

■ 54.6296, 52.3310,
79.1731

394.6656,
395.7131, 511.7748

■ 39.3379, 37.2690,
58.5160

■ 96.1495, 93.6192,
134.0034

■ 27.2046, 25.4158,
41.8062

123.1085,
120.6142, 169.0137

■ 17.8643, 16.3871,
28.6251

154.6873,
152.3556, 209.6454

■ 10.9517, 9.7985,
18.5543

191.2512,
189.2279, 256.3171

■ 6.1014, 5.2656,
11.1751

233.1656,
231.6153, 309.4474

■ 2.9481, 2.4039,
6.0691

280.7960,

■ 1.1264, 0.8279,

279.9025, 369.4547

2.8177

334.5075,
334.4736, 436.7577

■ 0.0470, 0.0000,
1.0023

■ 0.0000, 0.0000,
0.0000

■ 54.6296, 52.3310,
79.1731

■ 54.6296, 52.3310,
79.1731

■ 46.5148, 41.6793,
77.5456

■ 63.8854, 64.6891,
81.0714

■ 39.4897, 32.6510,
76.1733

■ 74.3210, 78.8187,
83.2487

■ 33.5060, 25.1657,
75.0438

■ 85.9792, 94.7895,
85.7169

■ 28.5099, 19.1336,
74.1428

■ 90.7276, 98.2710,
86.1387

■ 24.4420, 14.4550,
73.4542

■ 21.2360, 11.0174,
72.9596

■ 18.8153, 8.6890,
72.6378

■ 17.0758, 7.2848,
72.4584

■ 16.8014, 7.0757,
72.4325

Harmonies

Analogous

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



50.3871, 52.3310, 84.4297



54.6296, 52.3310, 79.1731



57.6908, 52.3310, 67.9914

Triad

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



54.6296, 52.3310, 79.1731



53.4485, 52.3310, 37.9504



41.8392, 52.3310, 58.8475

Complementary

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



54.6296, 52.3310, 79.1731



63.1065, 71.8939, 56.4522

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.



42.5537, 52.3310, 47.2259



54.6296, 52.3310, 79.1731



49.0966, 52.3310, 36.2354

Square

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



54.6296, 52.3310, 79.1731



56.9814, 52.3310, 44.4577



45.1494, 52.3310, 39.3772



43.1379, 52.3310, 71.6561

Rectangle

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



54.6296, 52.3310, 79.1731



58.5588, 52.3310, 59.3491



45.1494, 52.3310, 39.3772



41.8525, 52.3310, 54.6740

Sweetspot

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



54.6312, 52.3332, 79.1743



88.0946, 90.5753, 107.4474



57.3637, 63.0608, 81.1009



18.6535, 19.1136, 22.9561



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.



54.6312, 52.3332, 79.1743



67.3801, 62.9346, 103.2040



60.3416, 55.2770, 79.4415



13.3910, 13.4696, 17.2818



9.6995, 4.0956, 41.3277



0.7659, 0.3321, 2.8690

Inverse Universe

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



60.5984, 55.6223, 69.8320



76.7583, 68.1080, 88.3399



57.6511, 69.0815, 56.1969



14.0858, 13.8519, 16.2219



21.0383, 10.4823, 17.3994



1.4997, 0.7432, 1.4243

Previews

White Background



This preview shows how the XYZ color 54.6296, 52.3310, 79.1731 looks on a white background.

Color Contrast Check

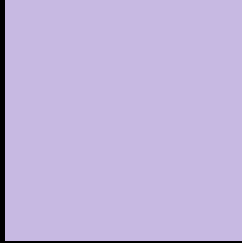
Large Text (above 18pt) WCAG AA × Fail

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 54.6296, 52.3310, 79.1731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

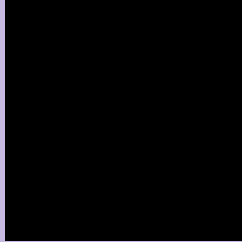
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6296, 52.3310, 79.1731

Background



This preview shows how black text looks on a background with the XYZ color 54.6296, 52.3310, 79.1731.



This preview shows how white text looks on a background with the XYZ color 54.6296, 52.3310,

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

54.6296, 52.3310, 79.1731

Protanopia

52.0848, 52.5513, 81.5270

Deuteranopia

53.4901, 52.3691, 79.2405



Tritanopia

51.6024, 52.3569, 64.5129

Trichromacy



Original Color

54.6296, 52.3310, 79.1731

Protanomaly

52.9731, 52.3867, 80.7184

Deuteranomaly

53.7920, 52.2109, 79.1941

Tritanomaly

52.6318, 52.4557, 69.6383

Monochromacy



Original Color

54.6296, 52.3310, 79.1731

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.5363, 53.4536, 65.9411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6296, 52.3310, 79.1731 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, 185, 226)` looks like.

```
.text, #text, p{  
    color:rgb(199, 185, 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(199, 185, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 185, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.6296, 52.3310, 79.1731 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, 185, 226) }
```


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

```
.border{ border-color:rgb(199, 185, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 185, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 185, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 185, 226);  
box-shadow:4px 4px 4px 4px rgb(199, 185,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6296, 52.3310, 79.1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 185, 226) }
```

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

```
.background{ background-color: rgb(199,  
185, 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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