

Converting Colors

XYZ(54.8037, 53.1260, 75.7734)

Have a look what the booklet for
XYZ(54.8037, 53.1260, 75.7734)
contains.

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Color

**XYZ(54.9089, 53.1786,
75.7771)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BBDD
RGB	201, 187, 221
RGB Percent	79%, 73%, 87%
CMY	0.2118, 0.2666, 0.1333
CMYK	0.09, 0.15, 0.00, 0.13
HSL	265°, 33%, 80%
HSV	265°, 15%, 87%
XYZ	54.9089, 53.1786, 75.7771
YIQ	195.0620, -2.5700, 13.5420

Conversions

Conversions Part 2

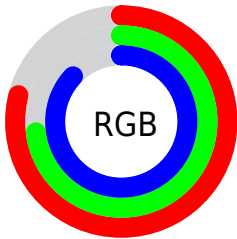
Format	Color
R _Y B	201, 187, 221
Decimal	13220829
CIE Lab	77.98, 11.34, -15.20
CIE LCh	78, 18.965, 306.717
Yxy	53.1786, 0.2986, 0.2892
Android (android.graphics.Color)	4291410909 (0xFFC9BBDD)
YUV	195.0620, 12.7874, 5.2076
Hunter-Lab	72.9237, 6.7877, -10.5634

Details

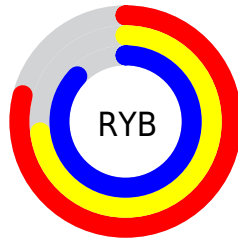
The XYZ color **54.9089, 53.1786, 75.7771** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.5600, 68.5675, 57.0592**, and the grayscale version is **51.8374, 54.5370, 59.3908**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **27.4407, 26.0064, 39.6499** is the 20% darker color. If you saturate the color by 10%, you get **47.2285, 42.7878, 74.1771**, and if you desaturate by 10%, it is **63.6098, 65.1693, 77.6338**.

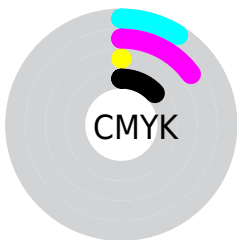
Distribution



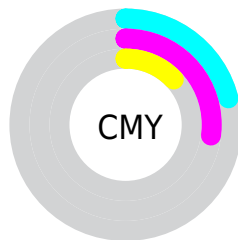
- Red (79%)
- Green (73%)
- Blue (87%)



- Red (79%)
- Yellow (73%)
- Blue (87%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9089, 53.1786, 75.7771 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 54.9089, 53.1786, 75.7771 by changing the saturation by 10% instead.

■ 54.9089, 53.1786,
75.7771

■ 54.9089, 53.1786,
75.7771

395.7085,
398.9700, 499.9108

■ 39.5623, 37.9454,
55.7442

■ 96.5566, 94.8671,
129.1690

■ 27.3802, 25.9403,
39.5952

123.5884,
122.0912, 163.3650

■ 17.9970, 16.7790,
26.9117

155.2460,
154.0810, 203.1192

■ 11.0475, 10.0770,
17.2751

191.8948,
191.2210, 248.8500

■ 6.1663, 5.4501,
10.2668

233.9001,
233.8954, 300.9761

■ 2.9881, 2.5137,
5.4683

281.6272,

■ 1.1475, 0.8835,

282.4888, 359.9159

2.4611

335.4416,
337.3855, 426.0879

■ 0.0643, 0.0000,
0.8194

■ 0.0000, 0.0000,
0.0000

■ 54.9089, 53.1786,
75.7771

■ 54.9089, 53.1786,
75.7771

■ 47.2285, 42.7878,
74.1771

■ 63.6098, 65.1693,
77.6338

■ 40.5237, 33.9207,
72.8190

■ 73.3642, 78.8185,
79.7542

■ 34.7530, 26.5048,
71.6917

■ 84.2095, 94.1897,
82.1496

■ 29.8700, 20.4588,
70.7821

■ 89.3212, 97.6241,
82.5430

■ 25.8237, 15.6932,
70.0755

■ 90.0513, 98.0005,
82.5772

■ 22.5574, 12.1074,
69.5555

■ 20.0060, 9.5848,
69.2030

■ 18.0914, 7.9832,
68.9948

■ 17.3651, 7.4443,
68.9291

Harmonies

Analogous

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



51.3796, 53.1786, 80.5325



54.9089, 53.1786, 75.7771



57.3502, 53.1786, 66.3165

Triad

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



54.9089, 53.1786, 75.7771



53.4030, 53.1786, 41.1626



43.8170, 53.1786, 60.3132

Complementary

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



54.9089, 53.1786, 75.7771



60.5600, 68.5675, 57.0592

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.



44.3000, 53.1786, 50.2320



54.9089, 53.1786, 75.7771



49.7189, 53.1786, 39.9667

Square

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



54.9089, 53.1786, 75.7771



56.4516, 53.1786, 46.5778



46.4180, 53.1786, 43.0860



45.0649, 53.1786, 70.9283

Rectangle

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



54.9089, 53.1786, 75.7771



57.9686, 53.1786, 59.0747



46.4180, 53.1786, 43.0860



43.7833, 53.1786, 56.7459

Sweetspot

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



54.9105, 53.1808, 75.7783



88.4108, 90.7383, 107.4622



55.9564, 60.6068, 77.1565



18.7302, 19.1532, 22.9597



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.



54.9105, 53.1808, 75.7783



72.8695, 69.3638, 104.1557



59.6170, 55.6071, 75.9985



12.8440, 12.8777, 16.4608



10.2092, 4.3872, 40.0471



0.7578, 0.3339, 2.5990

Inverse Universe

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



58.8533, 55.4200, 66.6290



79.2201, 72.9720, 89.3438



56.1632, 66.3008, 56.8534



13.3758, 13.1794, 15.2400



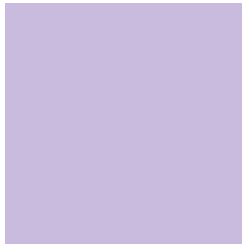
19.7207, 9.8893, 13.4412



1.3201, 0.6577, 1.0944

Previews

White Background



This preview shows how the XYZ color 54.9089, 53.1786, 75.7771 looks on a white background.

Color Contrast Check

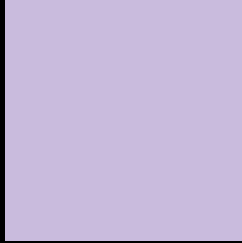
Large Text (above 18pt) WCAG AA × Fail

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 54.9089, 53.1786, 75.7771 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 54.9089, 53.1786, 75.7771

Background



This preview shows how black text looks on a background with the XYZ color 54.9089, 53.1786, 75.7771.



This preview shows how white text looks on a background with the XYZ color 54.9089, 53.1786,

75.7771.

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

54.9089, 53.1786, 75.7771

Protanopia

52.5789, 53.2082, 78.0200

Deuteranopia

54.3231, 53.1927, 75.8107



Tritanopia

52.7216, 53.2405, 65.2553

Trichromacy



Original Color

54.9089, 53.1786, 75.7771

Protanomaly

53.4710, 53.3611, 77.2935

Deuteranomaly

54.5876, 53.3290, 75.8231

Tritanomaly

53.5087, 53.2405, 69.0842

Monochromacy



Original Color

54.9089, 53.1786, 75.7771

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.7747, 53.9292, 64.7546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9089, 53.1786, 75.7771 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, 221) looks like.

```
.text, #text, p{  
    color:rgb(201, 187, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 187, 221) }
```

Border

The CSS property to change the border of an element to XYZ 54.9089, 53.1786, 75.7771 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, 221) }
```


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

```
.border{ border-color:rgb(201, 187, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 187, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 187, 221);  
box-shadow:4px 4px 4px 4px rgb(201, 187,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9089, 53.1786, 75.7771 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, 221) }
```

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

```
.background{ background-color: rgb(201,  
187, 221) }
```

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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