

Converting Colors

XYZ(54.2858, 53.0959, 88.8586)

Have a look what the booklet for
XYZ(54.2858, 53.0959, 88.8586)
contains.

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Color

**XYZ(54.5166, 53.3186,
89.0795)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBDEF
RGB	188, 189, 239
RGB Percent	74%, 74%, 94%
CMY	0.2627, 0.2588, 0.0627
CMYK	0.21, 0.21, 0.00, 0.06
HSL	239°, 61%, 84%
HSV	239°, 21%, 94%
XYZ	54.5166, 53.3186, 89.0795
YIQ	194.4010, -16.6460, 15.3380

Conversions

Conversions Part 2

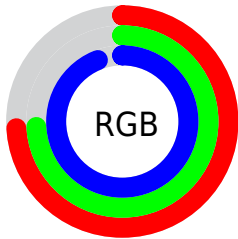
Format	Color
RYB	188, 189, 239
Decimal	12369391
CIELab	78.06, 9.99, -24.88
CIELCh	78, 26.808, 291.877
Yxy	53.3186, 0.2769, 0.2708
Android (android.graphics.Color)	4290559471 (0xFFBCBDEF)
YUV	194.4010, 21.9873, -5.6137
Hunter-Lab	73.0196, 5.4843, -21.2165

Details

The XYZ color **54.5166, 53.3186, 89.0795** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.2487, 83.1305, 59.6581**, and the grayscale version is **51.3979, 54.0746, 58.8873**.

A 20% lighter version of the original color is **88.3586, 91.9373, 107.6964**, and **27.1829, 26.0955, 48.4040** is the 20% darker color. If you saturate the color by 10%, you get **44.4700, 41.2531, 87.2810**, and if you desaturate by 10%, it is **66.3558, 67.5193, 91.1974**.

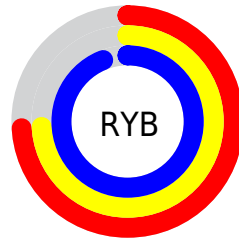
Distribution



Red (74%)

Green (74%)

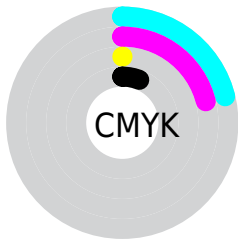
Blue (94%)



Red (74%)

Yellow (74%)

Blue (94%)

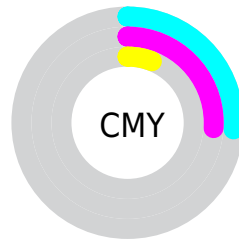


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (26%)

Magenta (26%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5166, 53.3186, 89.0795 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 54.5166, 53.3186, 89.0795 by changing the saturation by 10% instead.

■ 54.5166, 53.3186,
89.0795

■ 54.5166, 53.3186,
89.0795

394.2432,
399.5063, 545.5246

■ 39.2471, 38.0572,
66.6480

■ 95.9848, 95.0730,
147.9834

■ 27.1336, 26.0271,
48.3389

122.9142,
122.3348, 185.2930

■ 17.8107, 16.8439,
33.7334

154.4611,
154.3655, 228.3990

■ 10.9130, 10.1232,
22.4132

190.9906,
191.5495, 277.7200

■ 6.0752, 5.4808,
13.9596

232.8682,
234.2711, 333.6745

■ 2.9320, 2.5320,
7.9541

280.4593,

■ 1.1179, 0.8926,

282.9149, 396.6811

3.9783

334.1292,
337.8651, 467.1583

■ 0.0400, 0.0000,
1.6134

■ 0.0000, 0.0000,
0.3004

■ 54.5166, 53.3186,
89.0795

■ 54.5166, 53.3186,
89.0795

■ 44.4700, 41.2531,
87.2810

■ 66.3558, 67.5193,
91.1974

■ 36.1238, 31.2137,
85.7831

■ 80.0635, 83.9446,
93.6453

■ 29.3855, 23.0911,
84.5704

■ 92.5801, 99.0121,
95.8939

■ 24.1517, 16.7634,
83.6249

■ 20.3070, 12.0946,
82.9264

■ 17.7191, 8.9294,
82.4518

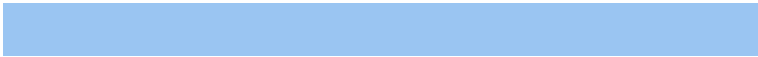
■ 16.2305, 7.0831,
82.1739

■ 15.6311, 6.3340,
82.0609

Harmonies

Analogous

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



49.2706, 53.3186, 91.4746



54.5166, 53.3186, 89.0795



59.0046, 53.3186, 77.7039

Triad

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



54.5166, 53.3186, 89.0795



57.1405, 53.3186, 38.2237



41.3631, 53.3186, 54.0813

Complementary

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



54.5166, 53.3186, 89.0795



75.2487, 83.1305, 59.6581

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.



43.1736, 53.3186, 42.0335



54.5166, 53.3186, 89.0795



52.1114, 53.3186, 33.9633

Square

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



54.5166, 53.3186, 89.0795



60.5906, 53.3186, 47.9744



47.0234, 53.3186, 35.2269



41.9097, 53.3186, 69.4570

Rectangle

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



54.5166, 53.3186, 89.0795



60.8447, 53.3186, 67.4785



47.0234, 53.3186, 35.2269



41.7116, 53.3186, 49.5522

Sweetspot

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



54.5183, 53.3208, 89.0807



85.0437, 88.0133, 107.1137



66.9366, 78.5574, 91.9868



17.9801, 18.5716, 22.8870



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.



54.5183, 53.3208, 89.0807



57.3759, 54.8284, 102.1667



60.6582, 56.1672, 89.3065



14.9222, 15.2784, 19.8842



8.6490, 3.5222, 45.3519



0.7282, 0.3104, 3.7758

Inverse Universe

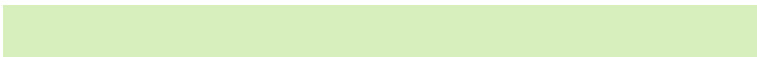
The Inverse Universe completely reimagines the original color for something new.



62.7665, 57.9927, 56.0321



68.6677, 61.2441, 56.9187



68.0278, 79.8422, 59.4040



15.7854, 15.7639, 16.4261



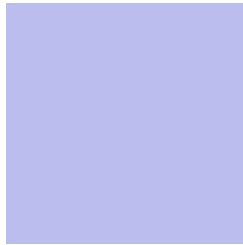
19.6912, 10.1489, 1.0247



1.6425, 0.8461, 0.1084

Previews

White Background



This preview shows how the XYZ color 54.5166, 53.3186, 89.0795 looks on a white background.

Color Contrast Check

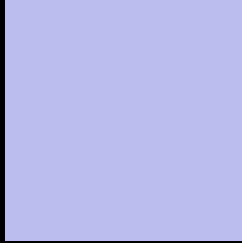
Large Text (above 18pt) WCAG AA × Fail

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 54.5166, 53.3186, 89.0795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

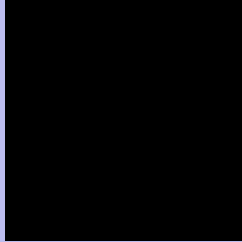
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5166, 53.3186, 89.0795

Background



This preview shows how black text looks on a background with the XYZ color 54.5166, 53.3186, 89.0795.



This preview shows how white text looks on a background with the XYZ color 54.5166, 53.3186,

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

54.5166, 53.3186, 89.0795

Protanopia

53.4150, 53.3766, 89.9255

Deuteranopia

54.5166, 53.3186, 89.0795



Tritanopia

50.4531, 53.3040, 68.6023

Trichromacy



Original Color

54.5166, 53.3186, 89.0795

Protanomaly

53.9088, 53.3085, 89.8864

Deuteranomaly

54.5166, 53.3186, 89.0795

Tritanomaly

51.9084, 53.2340, 75.9459

Monochromacy



Original Color

54.5166, 53.3186, 89.0795

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.2207, 53.5589, 68.5583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5166, 53.3186, 89.0795 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(188, 189, 239)` looks like.

```
.text, #text, p{  
    color:rgb(188, 189, 239)  
}
```

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(188, 189, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 189, 239) }
```

Border

The CSS property to change the border of an element to XYZ 54.5166, 53.3186, 89.0795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

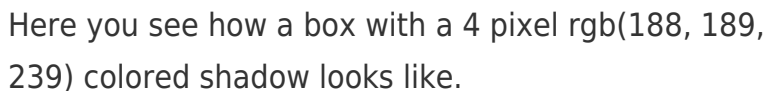
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 189, 239) }
```


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

```
.border{ border-color:rgb(188, 189, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 189, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 189, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 189, 239); box-shadow:4px 4px 4px 4px rgb(188, 189, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5166, 53.3186, 89.0795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 189, 239) }
```

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

```
.background{ background-color: rgb(188,  
189, 239) }
```

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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