

Converting Colors

XYZ(54.3903, 53.7726, 81.3576)

Have a look what the booklet for
XYZ(54.3903, 53.7726, 81.3576)
contains.

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Color

**XYZ(54.5486, 53.8215,
81.6423)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BEE5
RGB	193, 190, 229
RGB Percent	76%, 75%, 90%
CMY	0.2431, 0.2549, 0.1020
CMYK	0.16, 0.17, 0.00, 0.10
HSL	245°, 43%, 82%
HSV	245°, 17%, 90%
XYZ	54.5486, 53.8215, 81.6423
YIQ	195.3430, -10.7310, 12.7650

Conversions

Conversions Part 2

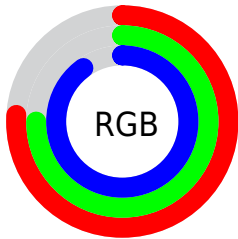
Format	Color
RYB	193, 190, 229
Decimal	12697317
CIELab	78.36, 8.80, -19.01
CIELCh	78, 20.950, 294.838
Yxy	53.8215, 0.2871, 0.2833
Android (android.graphics.Color)	4290887397 (0xFFC1BEE5)
YUV	195.3430, 16.5929, -2.0548
Hunter-Lab	73.3631, 4.3368, -14.6268

Details

The XYZ color **54.5486, 53.8215, 81.6423** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.6795, 75.9265, 59.7532**, and the grayscale version is **51.9863, 54.6936, 59.5614**.

A 20% lighter version of the original color is **90.4301, 93.4555, 107.8803**, and **27.1359, 26.3974, 43.2002** is the 20% darker color. If you saturate the color by 10%, you get **44.9639, 42.0879, 79.8835**, and if you desaturate by 10%, it is **65.6862, 67.5151, 83.6993**.

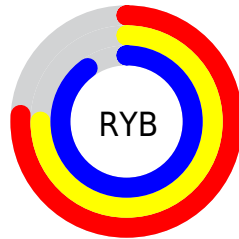
Distribution



Red (76%)

Green (75%)

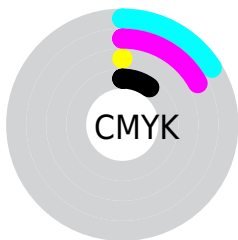
Blue (90%)



Red (76%)

Yellow (75%)

Blue (90%)

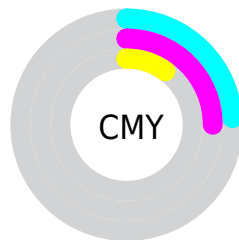


Cyan (16%)

Magenta (17%)

Yellow (0%)

Black (10%)



Cyan (24%)

Magenta (25%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5486, 53.8215, 81.6423 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 54.5486, 53.8215, 81.6423 by changing the saturation by 10% instead.

■ 54.5486, 53.8215,
81.6423

■ 54.5486, 53.8215,
81.6423

394.3628,
401.4290, 520.3024

■ 39.2728, 38.4590,
60.5366

■ 96.0315, 95.8121,
137.5044

■ 27.1537, 26.3391,
43.4232

122.9693,
123.2090, 173.0980

■ 17.8259, 17.0775,
29.8835

154.5251,
155.3861, 214.3580

■ 10.9240, 10.2898,
19.4988

191.0644,
192.7278, 261.7028

■ 6.0827, 5.5915,
11.8508

232.9525,
235.6186, 315.5512

■ 2.9365, 2.5983,
6.5209

280.5547,

■ 1.1203, 0.9258,

284.4428, 376.3215

3.0905

334.2363,
339.5848, 444.4324

■ 0.0420, 0.0000,
1.1410

■ 0.0000, 0.0000,
0.0000

■ 54.5486, 53.8215,
81.6423

■ 54.5486, 53.8215,
81.6423

■ 44.9639, 42.0879,
79.8835

■ 65.6862, 67.5151,
83.6993

■ 36.8583, 32.2184,
78.4057

■ 78.4362, 83.2458,
86.0636

■ 30.1595, 24.1189,
77.1954

■ 91.1430, 98.4372,
88.3261

■ 24.7870, 17.6843,
76.2366

■ 20.6523, 12.7988,
75.5115

■ 17.6559, 9.3314,
75.0002

■ 15.6831, 7.1292,
74.6791

■ 14.5908, 5.9977,
74.5182

■ 14.3851, 5.7820,
74.4875

Harmonies

Analogous

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



50.4477, 53.8215, 84.1655



54.5486, 53.8215, 81.6423



57.8943, 53.8215, 72.6312

Triad

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



54.5486, 53.8215, 81.6423



55.8446, 53.8215, 41.9743



43.6797, 53.8215, 56.5890

Complementary

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



54.5486, 53.8215, 81.6423



68.6795, 75.9265, 59.7532

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.



44.9615, 53.8215, 46.5075



54.5486, 53.8215, 81.6423



51.8703, 53.8215, 38.8230

Square

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



54.5486, 53.8215, 81.6423



58.6701, 53.8215, 49.5979



47.9065, 53.8215, 40.3646



44.3120, 53.8215, 68.6358

Rectangle

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



54.5486, 53.8215, 81.6423



59.1712, 53.8215, 64.7256



47.9065, 53.8215, 40.3646



43.8989, 53.8215, 52.8782

Sweetspot

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



54.5503, 53.8237, 81.6435



86.9182, 89.9688, 107.3924



62.6849, 71.2162, 84.5718



18.3685, 18.9667, 22.9428



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.



54.5503, 53.8237, 81.6435



65.6329, 63.8041, 103.4639



59.7384, 56.4983, 81.8863



13.6850, 13.9398, 18.1137



8.2630, 3.3256, 42.5896



0.6466, 0.2643, 3.1489

Inverse Universe

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



64.4558, 58.9782, 79.9407



80.2580, 71.4158, 100.8871



63.0194, 73.0086, 59.4883



14.9448, 14.5951, 17.9097



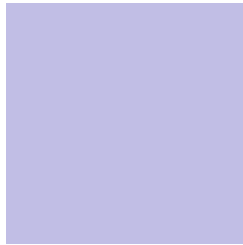
25.2464, 12.2328, 36.5222



1.8799, 0.9097, 2.7742

Previews

White Background



This preview shows how the XYZ color 54.5486, 53.8215, 81.6423 looks on a white background.

Color Contrast Check

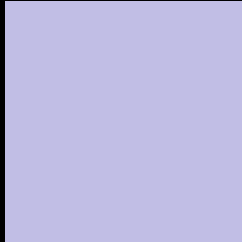
Large Text (above 18pt) WCAG AA × Fail

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 54.5486, 53.8215, 81.6423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

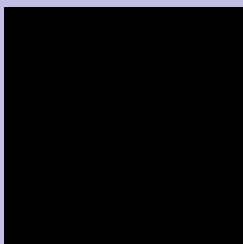
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5486, 53.8215, 81.6423

Background



This preview shows how black text looks on a background with the XYZ color 54.5486, 53.8215, 81.6423.



This preview shows how white text looks on a background with the XYZ color 54.5486, 53.8215,

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

54.5486, 53.8215, 81.6423

Protanopia

53.3823, 53.8515, 82.4438

Deuteranopia

54.8461, 53.6544, 81.5944



Tritanopia

51.7867, 54.0058, 68.0163

Trichromacy



Original Color

54.5486, 53.8215, 81.6423

Protanomaly

53.9000, 53.7936, 82.4053

Deuteranomaly

54.5886, 53.5217, 81.5823

Tritanomaly

52.6998, 54.0449, 72.6199

Monochromacy



Original Color

54.5486, 53.8215, 81.6423

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.5806, 54.1143, 66.7053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5486, 53.8215, 81.6423 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(193, 190, 229)` looks like.

```
.text, #text, p{  
    color:rgb(193, 190, 229)  
}
```

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(193, 190, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 190, 229) }
```

Border

The CSS property to change the border of an element to XYZ 54.5486, 53.8215, 81.6423 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(193, 190, 229) }
```


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

```
.border{ border-color:rgb(193, 190, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 190, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 190, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 190, 229);  
box-shadow:4px 4px 4px 4px rgb(193, 190,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5486, 53.8215, 81.6423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 190, 229) }
```

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

```
.background{ background-color: rgb(193,  
190, 229) }
```

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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