

Converting Colors

XYZ(54.5007, 53.6498, 80.3943)

Have a look what the booklet for
XYZ(54.5007, 53.6498, 80.3943)
contains.

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Color

**XYZ(54.3109, 53.4106,
80.1198)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BDE3
RGB	194, 189, 227
RGB Percent	76%, 74%, 89%
CMY	0.2392, 0.2588, 0.1098
CMYK	0.15, 0.17, 0.00, 0.11
HSL	248°, 40%, 82%
HSV	248°, 17%, 89%
XYZ	54.3109, 53.4106, 80.1198
YIQ	194.8270, -9.2180, 12.8780

Conversions

Conversions Part 2

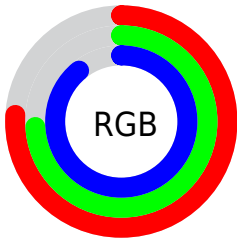
Format	Color
RYB	194, 189, 227
Decimal	12762595
CIELab	78.12, 9.23, -18.29
CIELCh	78, 20.489, 296.785
Yxy	53.4106, 0.2891, 0.2843
Android (android.graphics.Color)	4290952675 (0xFFC2BDE3)
YUV	194.8270, 15.8613, -0.7253
Hunter-Lab	73.0826, 4.7568, -13.8413

Details

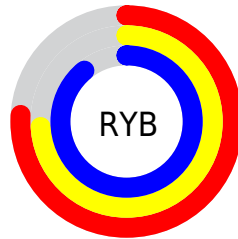
The XYZ color **54.3109, 53.4106, 80.1198** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.7803, 74.1432, 58.9380**, and the grayscale version is **51.6827, 54.3743, 59.2136**.

A 20% lighter version of the original color is **90.4861, 93.0340, 107.7960**, and **27.0658, 26.1623, 42.6530** is the 20% darker color. If you saturate the color by 10%, you get **45.0767, 41.9611, 78.3974**, and if you desaturate by 10%, it is **64.9838, 66.7390, 82.1308**.

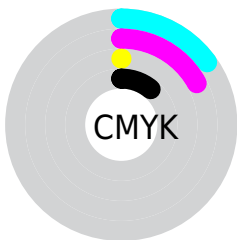
Distribution



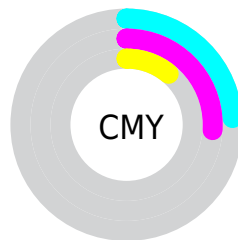
- Red (76%)
- Green (74%)
- Blue (89%)



- Red (76%)
- Yellow (74%)
- Blue (89%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3109, 53.4106, 80.1198 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 54.3109, 53.4106, 80.1198 by changing the saturation by 10% instead.

■ 54.3109, 53.4106,
80.1198

■ 54.3109, 53.4106,
80.1198

393.4735,
399.8584, 515.0539

■ 39.0819, 38.1307,
59.2902

■ 95.6848, 95.2083,
135.3471

■ 27.0045, 26.0841,
42.4252

122.5605,
122.4948, 170.5818

■ 17.7132, 16.8866,
29.1063

154.0490,
154.5523, 211.4554

■ 10.8427, 10.1537,
18.9150

190.5159,
191.7652, 258.3862

■ 6.0277, 5.5010,
11.4327

232.3264,
234.5179, 311.7930

■ 2.9027, 2.5441,
6.2408

279.8460,

■ 1.1025, 0.8986,

283.1947, 372.0941

2.9209

333.4399,
338.1801, 439.7083

■ 0.0272, 0.0000,
1.0544

■ 0.0000, 0.0000,
0.0000

■ 54.3109, 53.4106,
80.1198

■ 54.3109, 53.4106,
80.1198

■ 45.0767, 41.9611,
78.3974

■ 64.9838, 66.7390,
82.1308

■ 37.2146, 32.2994,
76.9468

■ 77.1485, 82.0186,
84.4389

■ 30.6601, 24.3368,
75.7554

■ 90.1861, 97.9760,
86.8318

■ 25.3414, 17.9744,
74.8076

■ 90.8653, 98.3261,
86.8636

■ 21.1799, 13.1029,
74.0867

■ 18.0875, 9.5994,
73.5734

■ 15.9632, 7.3207,
73.2456

■ 14.6833, 6.0871,
73.0749

■ 14.3966, 5.8200,
73.0385

Harmonies

Analogous

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



50.3350, 53.4106, 83.0381



54.3109, 53.4106, 80.1198



57.4760, 53.4106, 71.0757

Triad

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



54.3109, 53.4106, 80.1198



55.0962, 53.4106, 41.6038



43.4663, 53.4106, 56.9284

Complementary

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



54.3109, 53.4106, 80.1198



66.7803, 74.1432, 58.9380

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.



44.5982, 53.4106, 46.9036



54.3109, 53.4106, 80.1198



51.1978, 53.4106, 38.8174

Square

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



54.3109, 53.4106, 80.1198



57.9458, 53.4106, 48.7822



47.3772, 53.4106, 40.6234



44.2037, 53.4106, 68.6577

Rectangle

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



54.3109, 53.4106, 80.1198



58.6274, 53.4106, 63.3376



47.3772, 53.4106, 40.6234



43.6393, 53.4106, 53.2632

Sweetspot

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



54.3125, 53.4128, 80.1210



87.1595, 90.0932, 107.4037



61.1251, 68.9104, 82.7533



18.4269, 18.9968, 22.9455



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.



54.3125, 53.4128, 80.1210



66.4234, 64.2116, 103.5009



59.3410, 56.0051, 80.3563



13.7582, 13.9776, 18.1171



8.4506, 3.4223, 42.5984



0.6815, 0.2823, 3.1505

Inverse Universe

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



63.0627, 58.0022, 76.9812



79.8214, 71.2412, 98.5882



61.4392, 71.3898, 58.6880



14.9092, 14.5809, 17.7225



24.3932, 11.8915, 32.0291



1.8254, 0.8879, 2.4869

Previews

White Background



This preview shows how the XYZ color 54.3109, 53.4106, 80.1198 looks on a white background.

Color Contrast Check

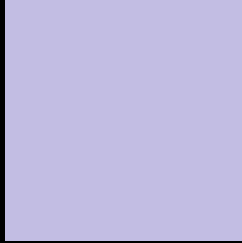
Large Text (above 18pt) WCAG AA × Fail

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 54.3109, 53.4106, 80.1198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

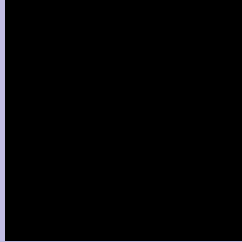
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3109, 53.4106, 80.1198

Background



This preview shows how black text looks on a background with the XYZ color 54.3109, 53.4106, 80.1198.



This preview shows how white text looks on a background with the XYZ color 54.3109, 53.4106,

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

54.3109, 53.4106, 80.1198

Protanopia

53.0234, 53.3578, 81.6332

Deuteranopia

54.5684, 53.5433, 80.1319



Tritanopia

51.7207, 53.3297, 67.2422

Trichromacy



Original Color

54.3109, 53.4106, 80.1198

Protanomaly

53.4033, 53.2472, 80.8619

Deuteranomaly

54.5684, 53.5433, 80.1319

Tritanomaly

52.6348, 53.3744, 71.8181

Monochromacy



Original Color

54.3109, 53.4106, 80.1198

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.8381, 54.2470, 66.7173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3109, 53.4106, 80.1198 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(194, 189, 227)` looks like.

```
.text, #text, p{  
    color:rgb(194, 189, 227)  
}
```

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(194, 189, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 189, 227) }
```

Border

The CSS property to change the border of an element to XYZ 54.3109, 53.4106, 80.1198 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(194, 189, 227) }
```


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

```
.border{ border-color:rgb(194, 189, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 189, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 189, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 189, 227);  
box-shadow:4px 4px 4px 4px rgb(194, 189,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3109, 53.4106, 80.1198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 189, 227) }
```

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

```
.background{ background-color: rgb(194,  
189, 227) }
```

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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