

Converting Colors

XYZ(53.9709, 53.5036, 74.2050)

Have a look what the booklet for
XYZ(53.9709, 53.5036, 74.2050)
contains.

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Color

**XYZ(54.0097, 53.3800,
74.4746)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BDDB
RGB	197, 189, 219
RGB Percent	77%, 74%, 86%
CMY	0.2274, 0.2588, 0.1412
CMYK	0.10, 0.14, 0.00, 0.14
HSL	256°, 29%, 80%
HSV	256°, 14%, 86%
XYZ	54.0097, 53.3800, 74.4746
YIQ	194.8120, -4.8620, 11.0260

Conversions

Conversions Part 2

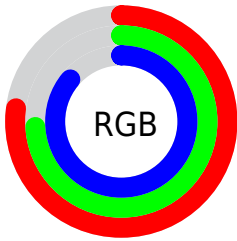
Format	Color
R_{YB}	197, 189, 219
Decimal	12959195
CIE _{Lab}	78.10, 8.54, -13.98
CIE _{LCh}	78, 16.381, 301.432
Yxy	53.3800, 0.2970, 0.2935
Android (android.graphics.Color)	4291149275 (0xFFC5BDDDB)
YUV	194.8120, 11.9247, 1.9189
Hunter-Lab	73.0616, 4.0956, -9.2935

Details

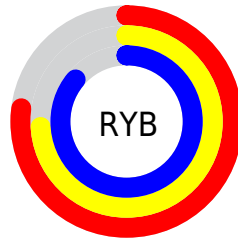
The XYZ color **54.0097, 53.3800, 74.4746** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.3828, 68.1875, 58.0730**, and the grayscale version is **51.6946, 54.3867, 59.2272**.

A 20% lighter version of the original color is **91.5755, 93.5956, 107.8470**, and **26.8327, 26.1283, 38.7510** is the 20% darker color. If you saturate the color by 10%, you get **45.6662, 42.6068, 72.8357**, and if you desaturate by 10%, it is **63.5159, 65.8113, 76.3739**.

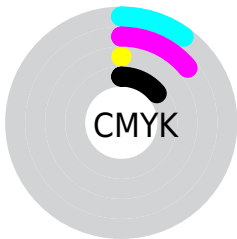
Distribution



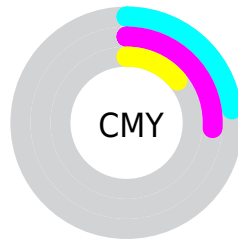
- Red (77%)
- Green (74%)
- Blue (86%)



- Red (77%)
- Yellow (74%)
- Blue (86%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0097, 53.3800, 74.4746 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 54.0097, 53.3800, 74.4746 by changing the saturation by 10% instead.

■ 54.0097, 53.3800,
74.4746

■ 54.0097, 53.3800,
74.4746

392.3447,
399.7413, 495.3169

■ 38.8401, 38.1062,
54.6834

■ 95.2453, 95.1633,
127.3086

■ 26.8155, 26.0651,
38.7514

122.0420,
122.4416, 161.1885

■ 17.5706, 16.8724,
26.2601

153.4452,
154.4902, 200.6018

■ 10.7400, 10.1435,
16.7908

189.8201,
191.6935, 245.9669

■ 5.9583, 5.4942,
9.9251

231.5322,
234.4358, 297.7024

■ 2.8601, 2.5401,
5.2443

278.9467,

■ 1.0802, 0.8966,

283.1017, 356.2269

2.3301

332.4291,
338.0754, 421.9589

■ 0.0085, 0.0000,
0.7480

■ 0.0000, 0.0000,
0.0000

■ 54.0097, 53.3800,
74.4746

■ 54.0097, 53.3800,
74.4746

■ 45.6662, 42.6068,
72.8357

■ 63.5159, 65.8113,
76.3739

■ 38.4348, 33.4141,
71.4425

■ 74.2230, 79.9605,
78.5406

■ 32.2681, 25.7284,
70.2840

■ 86.1736, 95.8925,
80.9859

■ 27.1136, 19.4672,
69.3472

■ 89.7863, 97.8945,
81.1820

■ 22.9138, 14.5402,
68.6175

■ 19.6052, 10.8464,
68.0789

■ 17.1157, 8.2697,
67.7128

■ 15.3603, 6.6707,
67.4967

■ 14.5537, 6.0257,
67.4147

Harmonies

Analogous

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



50.8898, 53.3800, 77.5573



54.0097, 53.3800, 74.4746



56.3285, 53.3800, 66.9535

Triad

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



54.0097, 53.3800, 74.4746



53.7328, 53.3800, 43.9908



44.8356, 53.3800, 58.5628

Complementary

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



54.0097, 53.3800, 74.4746



61.3828, 68.1875, 58.0730

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.



45.5266, 53.3800, 50.1029



54.0097, 53.3800, 74.4746



50.5826, 53.3800, 42.2390

Square

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



54.0097, 53.3800, 74.4746



56.1640, 53.3800, 49.4160



47.5975, 53.3800, 44.3571



45.6697, 53.3800, 67.7943

Rectangle

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



54.0097, 53.3800, 74.4746



57.0606, 53.3800, 60.7843



47.5975, 53.3800, 44.3571



44.8971, 53.3800, 55.5381

Sweetspot

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



54.0113, 53.3822, 74.4758



89.1831, 92.2726, 107.7177



57.1929, 62.7723, 76.1206



18.8593, 19.4485, 23.0099



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.



54.0113, 53.3822, 74.4758



73.2226, 71.4344, 104.5367



57.9930, 55.4349, 74.6621



12.6627, 12.7842, 16.4523



8.7186, 3.6188, 39.9774



0.6461, 0.2763, 2.5937

Inverse Universe

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



59.1708, 56.1608, 69.3523



81.6850, 75.9936, 96.0487



57.4139, 66.1414, 57.8873



13.4585, 13.2125, 15.6756



21.1642, 10.4667, 21.0423



1.4061, 0.6921, 1.5475

Previews

White Background



This preview shows how the XYZ color 54.0097, 53.3800, 74.4746 looks on a white background.

Color Contrast Check

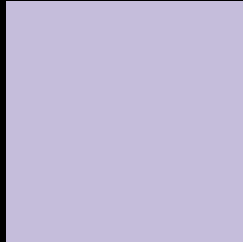
Large Text (above 18pt) WCAG AA × Fail

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 54.0097, 53.3800, 74.4746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

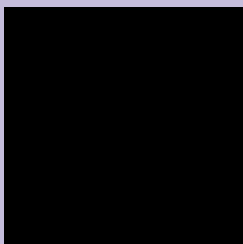
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0097, 53.3800, 74.4746

Background



This preview shows how black text looks on a background with the XYZ color 54.0097, 53.3800, 74.4746.



This preview shows how white text looks on a background with the XYZ color 54.0097, 53.3800,

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

54.0097, 53.3800, 74.4746

Protanopia

52.6398, 53.6111, 75.9802

Deuteranopia

54.5888, 53.3603, 74.4403



Tritanopia

52.2771, 53.3199, 65.9290

Trichromacy



Original Color

54.0097, 53.3800, 74.4746

Protanomaly

53.0349, 53.5053, 75.2425

Deuteranomaly

54.3226, 53.2230, 74.4278

Tritanomaly

52.9363, 53.2658, 69.1193

Monochromacy



Original Color

54.0097, 53.3800, 74.4746

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.7340, 54.2353, 64.8158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0097, 53.3800, 74.4746 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(197, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(197, 189, 219)  
}
```

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(197, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 189, 219) }
```

Border

The CSS property to change the border of an element to XYZ 54.0097, 53.3800, 74.4746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

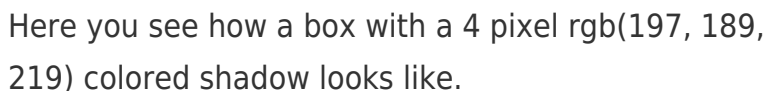
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 189, 219) }
```


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

```
.border{ border-color:rgb(197, 189, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 189, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 189, 219); box-shadow:4px 4px 4px 4px rgb(197, 189, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0097, 53.3800, 74.4746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 189, 219) }
```

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

```
.background{ background-color: rgb(197,  
189, 219) }
```

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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