

Converting Colors

XYZ(53.1632, 50.1738, 79.0280)

Have a look what the booklet for
XYZ(53.1632, 50.1738, 79.0280)
contains.

XYZ(53.0747, 50.0038, 78.8059)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.0747, 50.0038,
78.8059)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B4E2
RGB	197, 180, 226
RGB Percent	77%, 71%, 89%
CMY	0.2274, 0.2941, 0.1137
CMYK	0.13, 0.20, 0.00, 0.11
HSL	262°, 44%, 80%
HSV	262°, 20%, 89%
XYZ	53.0747, 50.0038, 78.8059
YIQ	190.3270, -4.6340, 17.9100

Conversions

Conversions Part 2

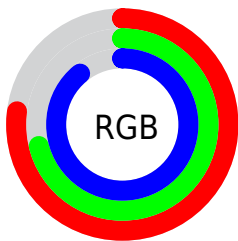
Format	Color
R _{YB}	197, 180, 226
Decimal	12956898
CIE _{Lab}	76.07, 14.88, -20.82
CIE _{LCh}	76, 25.592, 305.542
Yxy	50.0038, 0.2918, 0.2749
Android (android.graphics.Color)	4291146978 (0xFFC5B4E2)
YUV	190.3270, 17.5868, 5.8522
Hunter-Lab	70.7134, 10.2268, -16.5759

Details

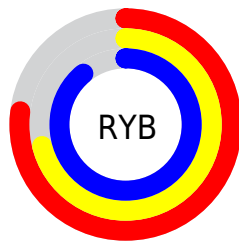
The XYZ color **53.0747, 50.0038, 78.8059** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.7307, 71.2446, 53.6803**, and the grayscale version is **49.0370, 51.5907, 56.1823**.

A 20% lighter version of the original color is **88.9185, 88.2817, 106.9613**, and **26.2678, 23.9587, 41.7681** is the 20% darker color. If you saturate the color by 10%, you get **45.3230, 39.7791, 77.2417**, and if you desaturate by 10%, it is **61.9260, 61.9022, 80.6368**.

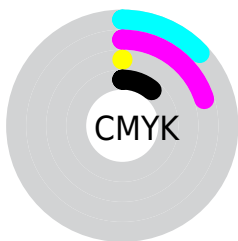
Distribution



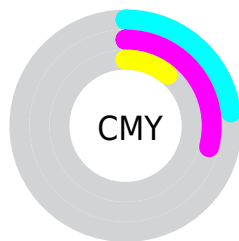
- Red (77%)
- Green (71%)
- Blue (89%)



- Red (77%)
- Yellow (71%)
- Blue (89%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0747, 50.0038, 78.8059 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 53.0747, 50.0038, 78.8059 by changing the saturation by 10% instead.

■ 53.0747, 50.0038,
78.8059

■ 53.0747, 50.0038,
78.8059

388.8278,
386.6808, 510.4997

■ 38.0901, 35.4164,
58.2159

■ 93.8792, 90.1805,
133.4818

■ 26.2302, 23.9838,
41.5664

120.4298,
116.5386, 168.4047

■ 17.1295, 15.3216,
28.4389

151.5664,
147.5891, 208.9423

■ 10.4227, 9.0454,
18.4148

187.6544,
183.7163, 255.5131

■ 5.7445, 4.7708,
11.0757

229.0593,
225.3047, 308.5357

■ 2.7296, 2.1134,
6.0030

276.1462,

■ 1.0124, 0.6722,

272.7387, 368.4287

2.7781

329.2806,
326.4026, 435.6105

■ 0.0000, 0.0000,
0.9825

■ 0.0000, 0.0000,
0.0000

■ 53.0747, 50.0038,
78.8059

■ 53.0747, 50.0038,
78.8059

■ 45.3230, 39.7791,
77.2417

■ 61.9260, 61.9022,
80.6368

■ 38.6206, 31.1448,
75.9283

■ 71.9153, 75.5400,
82.7427

■ 32.9197, 24.0197,
74.8535

■ 83.0844, 90.9868,
85.1355

■ 28.1671, 18.3129,
74.0025

■ 90.3591, 98.0810,
86.1214

■ 24.3039, 13.9232,
73.3588

■ 90.7276, 98.2710,
86.1387

■ 21.2636, 10.7354,
72.9038

■ 18.9687, 8.6133,
72.6151

■ 17.3407, 7.3537,
72.4578

Harmonies

Analogous

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



48.4206, 50.0038, 85.0857



53.0747, 50.0038, 78.8059



56.3975, 50.0038, 66.0921

Triad

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



53.0747, 50.0038, 78.8059



51.4365, 50.0038, 33.8216



38.9504, 50.0038, 57.0283

Complementary

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



53.0747, 50.0038, 78.8059



61.7307, 71.2446, 53.6803

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.



39.6393, 50.0038, 44.2547



53.0747, 50.0038, 78.8059



46.6447, 50.0038, 32.2169

Square

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



53.0747, 50.0038, 78.8059



55.4081, 50.0038, 40.5284



42.3802, 50.0038, 35.7069



40.4313, 50.0038, 71.2318

Rectangle

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



53.0747, 50.0038, 78.8059



57.2958, 50.0038, 56.5184



42.3802, 50.0038, 35.7069



38.9371, 50.0038, 52.4242

Sweetspot

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



53.0763, 50.0059, 78.8070



86.9017, 88.8399, 107.1753



55.3848, 60.8624, 80.7809



18.4179, 18.7664, 22.9015



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.



53.0763, 50.0059, 78.8070



65.7393, 60.3770, 102.7968



59.5251, 53.3304, 79.1088



13.4281, 13.4887, 17.2835



10.0129, 4.2572, 41.3423



0.7905, 0.3448, 2.8701

Inverse Universe

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



59.1955, 53.4168, 67.5142



75.1074, 65.6026, 85.3341



55.7184, 68.1451, 53.3989



14.0689, 13.8452, 16.1332



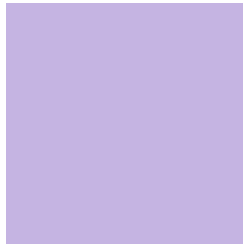
20.7585, 10.3704, 15.9259



1.4816, 0.7359, 1.3291

Previews

White Background



This preview shows how the XYZ color 53.0747, 50.0038, 78.8059 looks on a white background.

Color Contrast Check

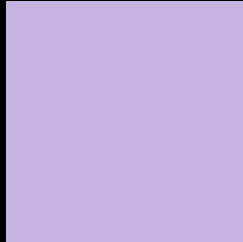
Large Text (above 18pt) WCAG AA × Fail

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 53.0747, 50.0038, 78.8059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

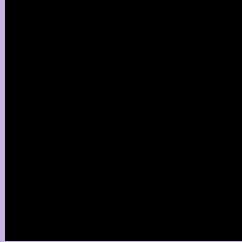
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0747, 50.0038, 78.8059

Background



This preview shows how black text looks on a background with the XYZ color 53.0747, 50.0038, 78.8059.



This preview shows how white text looks on a background with the XYZ color 53.0747, 50.0038,

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

53.0747, 50.0038, 78.8059

Protanopia

49.9733, 50.1781, 81.9144

Deuteranopia

51.0176, 49.8680, 78.1707



Tritanopia

49.6501, 50.1589, 61.0976

Trichromacy



Original Color

53.0747, 50.0038, 78.8059

Protanomaly

51.0505, 50.1285, 81.1139

Deuteranomaly

51.8044, 49.9685, 78.1487

Tritanomaly

50.6902, 49.9398, 67.2893

Monochromacy



Original Color

53.0747, 50.0038, 78.8059

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.3307, 50.7671, 63.6462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0747, 50.0038, 78.8059 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, 180, 226)` looks like.

```
.text, #text, p{  
    color:rgb(197, 180, 226)  
}
```

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, 180, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 180, 226) }
```

Border

The CSS property to change the border of an element to XYZ 53.0747, 50.0038, 78.8059 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, 180, 226) }
```


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

```
.border{ border-color:rgb(197, 180, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 180, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 180, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 180, 226); box-shadow:4px 4px 4px 4px rgb(197, 180, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0747, 50.0038, 78.8059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 180, 226) }
```

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

```
.background{ background-color: rgb(197,  
180, 226) }
```

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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