

Converting Colors

XYZ(54.6159, 53.8727, 80.9240)

Have a look what the booklet for
XYZ(54.6159, 53.8727, 80.9240)
contains.

XYZ(54.6652, 53.8977, 80.9209)	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(54.6652, 53.8977,
80.9209)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BEE4
RGB	194, 190, 228
RGB Percent	76%, 75%, 89%
CMY	0.2392, 0.2549, 0.1059
CMYK	0.15, 0.17, 0.00, 0.11
HSL	246°, 41%, 82%
HSV	246°, 17%, 89%
XYZ	54.6652, 53.8977, 80.9209
YIQ	195.5280, -9.8140, 12.6660

Conversions

Conversions Part 2

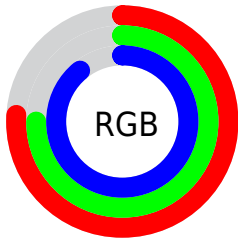
Format	Color
RYB	194, 190, 228
Decimal	12762852
CIELab	78.40, 8.90, -18.40
CIELCh	78, 20.440, 295.825
Yxy	53.8977, 0.2885, 0.2844
Android (android.graphics.Color)	4290952932 (0xFFC2BEE4)
YUV	195.5280, 16.0087, -1.3401
Hunter-Lab	73.4151, 4.4356, -13.9612

Details

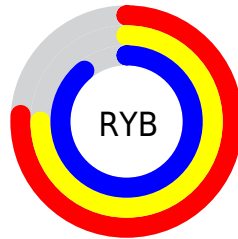
The XYZ color **54.6652, 53.8977, 80.9209** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.7799, 75.0532, 59.6320**, and the grayscale version is **52.0997, 54.8130, 59.6913**.

A 20% lighter version of the original color is **90.7894, 93.6408, 107.8971**, and **27.3037, 26.4839, 43.2080** is the 20% darker color. If you saturate the color by 10%, you get **45.2267, 42.2667, 79.1742**, and if you desaturate by 10%, it is **65.5983, 67.4486, 82.9611**.

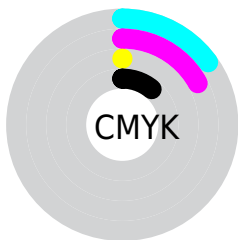
Distribution



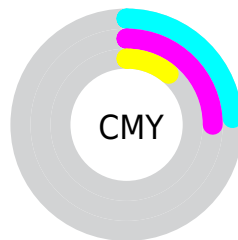
- Red (76%)
- Green (75%)
- Blue (89%)



- Red (76%)
- Yellow (75%)
- Blue (89%)



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



- Cyan (24%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6652, 53.8977, 80.9209 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 54.6652, 53.8977, 80.9209 by changing the saturation by 10% instead.

■ 54.6652, 53.8977,
80.9209

■ 54.6652, 53.8977,
80.9209

394.7987,
401.7198, 517.8193

■ 39.3665, 38.5199,
59.9458

■ 96.2014, 95.9240,
136.4828

■ 27.2270, 26.3864,
42.9500

123.1697,
123.3413, 171.9067

■ 17.8812, 17.1130,
29.5147

154.7585,
155.5406, 212.9839

■ 10.9639, 10.3151,
19.2216

191.3333,
192.9061, 260.1330

■ 6.1097, 5.6083,
11.6521

233.2593,
235.8225, 313.7726

■ 2.9532, 2.6084,
6.3876

280.9020,

■ 1.1291, 0.9309,

284.6739, 374.3211

3.0096

334.6266,
339.8449, 442.1972

■ 0.0492, 0.0000,
1.0995

■ 0.0000, 0.0000,
0.0000

■ 54.6652, 53.8977,
80.9209

■ 54.6652, 53.8977,
80.9209

■ 45.2267, 42.2667,
79.1742

■ 65.5983, 67.4486,
82.9611

■ 37.2130, 32.4624,
77.7042

■ 78.0819, 82.9939,
85.3037

■ 30.5559, 24.3937,
76.4976

■ 91.0038, 98.3815,
87.5927

■ 25.1798, 17.9589,
75.5389

■ 21.0017, 13.0460,
74.8109

■ 17.9286, 9.5285,
74.2939

■ 15.8533, 7.2595,
73.9653

■ 14.6451, 6.0547,
73.7964

■ 14.3802, 5.7956,
73.7604

Harmonies

Analogous

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



50.6681, 53.8977, 83.6129



54.6652, 53.8977, 80.9209



57.8841, 53.8977, 72.0014

Triad

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



54.6652, 53.8977, 80.9209



55.6881, 53.8977, 42.2286



43.9081, 53.8977, 57.0904

Complementary

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



54.6652, 53.8977, 80.9209



67.7799, 75.0532, 59.6320

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.



45.1031, 53.8977, 47.1216



54.6652, 53.8977, 80.9209



51.7923, 53.8977, 39.2814

Square

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



54.6652, 53.8977, 80.9209



58.4960, 53.8977, 49.5715



47.9383, 53.8977, 40.9491



44.5887, 53.8977, 68.8531

Rectangle

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



54.6652, 53.8977, 80.9209



59.0834, 53.8977, 64.2679



47.9383, 53.8977, 40.9491



44.1019, 53.8977, 53.4360

Sweetspot

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



54.6669, 53.8999, 80.9221



87.0432, 90.0333, 107.3982



61.9499, 69.9689, 83.6399



18.3988, 18.9823, 22.9442



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.



54.6669, 53.8999, 80.9221



66.0410, 64.0145, 103.4830



59.8015, 56.5469, 81.1624



13.7229, 13.9594, 18.1155



8.3505, 3.3707, 42.5937



0.6647, 0.2736, 3.1498

Inverse Universe

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



63.8647, 58.7050, 78.4885



80.0308, 71.3249, 99.6909



62.2714, 72.2134, 59.3742



14.9263, 14.5877, 17.8124



24.7956, 12.0525, 34.1484



1.8512, 0.8982, 2.6229

Previews

White Background



This preview shows how the XYZ color 54.6652, 53.8977, 80.9209 looks on a white background.

Color Contrast Check

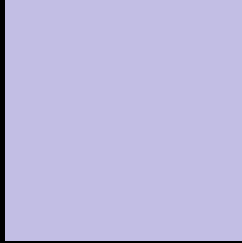
Large Text (above 18pt) WCAG AA × Fail

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 54.6652, 53.8977, 80.9209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

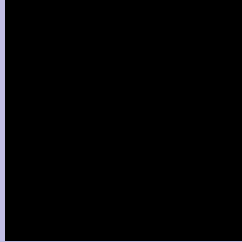
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6652, 53.8977, 80.9209

Background



This preview shows how black text looks on a background with the XYZ color 54.6652, 53.8977, 80.9209.



This preview shows how white text looks on a background with the XYZ color 54.6652, 53.8977,

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

54.6652, 53.8977, 80.9209

Protanopia

53.2422, 53.7955, 81.7061

Deuteranopia

54.9661, 53.7324, 80.8731



Tritanopia

52.0644, 53.8197, 67.9658

Trichromacy



Original Color

54.6652, 53.8977, 80.9209

Protanomaly

53.7599, 53.7376, 81.6677

Deuteranomaly

54.7069, 53.5987, 80.8610

Tritanomaly

52.9825, 53.8636, 72.5700

Monochromacy



Original Color

54.6652, 53.8977, 80.9209

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.1826, 54.7397, 67.4373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6652, 53.8977, 80.9209 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, 190, 228)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 228)  
}
```

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, 190, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 228) }
```

Border

The CSS property to change the border of an element to XYZ 54.6652, 53.8977, 80.9209 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, 190, 228) }
```


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

```
.border{ border-color:rgb(194, 190, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 190, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 190, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 190, 228);  
box-shadow:4px 4px 4px 4px rgb(194, 190,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6652, 53.8977, 80.9209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 190, 228) }
```

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

```
.background{ background-color: rgb(194,  
190, 228) }
```

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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