

Converting Colors

XYZ(54.8273, 53.6787, 80.1451)

Have a look what the booklet for
XYZ(54.8273, 53.6787, 80.1451)
contains.

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Color

**XYZ(54.8277, 53.6770,
80.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BDE3
RGB	196, 189, 227
RGB Percent	77%, 74%, 89%
CMY	0.2314, 0.2588, 0.1098
CMYK	0.14, 0.17, 0.00, 0.11
HSL	251°, 40%, 82%
HSV	251°, 17%, 89%
XYZ	54.8277, 53.6770, 80.1440
YIQ	195.4250, -8.0260, 13.3020

Conversions

Conversions Part 2

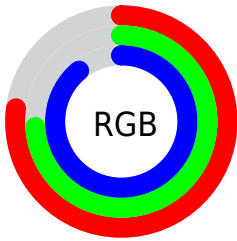
Format	Color
RYB	196, 189, 227
Decimal	12893667
CIELab	78.27, 9.87, -18.04
CIELCh	78, 20.564, 298.689
Yxy	53.6770, 0.2906, 0.2845
Android (android.graphics.Color)	4291083747 (0xFFC4BDE3)
YUV	195.4250, 15.5665, 0.5043
Hunter-Lab	73.2646, 5.3678, -13.5720

Details

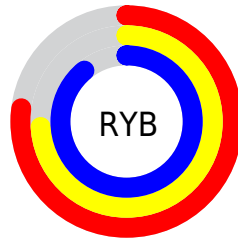
The XYZ color **54.8277, 53.6770, 80.1440** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.1714, 73.8293, 58.9094**, and the grayscale version is **52.0400, 54.7502, 59.6229**.

A 20% lighter version of the original color is **91.2104, 93.4075, 107.8299**, and **27.4059, 26.3377, 42.6690** is the 20% darker color. If you saturate the color by 10%, you get **45.7985, 42.3332, 78.4312**, and if you desaturate by 10%, it is **65.2190, 66.8602, 82.1418**.

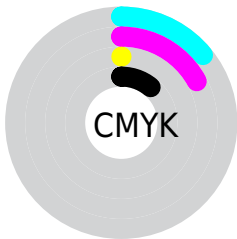
Distribution



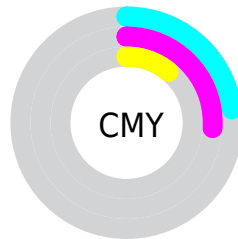
- Red (77%)
- Green (74%)
- Blue (89%)



- Red (77%)
- Yellow (74%)
- Blue (89%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8277, 53.6770, 80.1440 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 54.8277, 53.6770, 80.1440 by changing the saturation by 10% instead.

■ 54.8277, 53.6770,
80.1440

■ 54.8277, 53.6770,
80.1440

395.4055,
400.8771, 515.1375

■ 39.4971, 38.3435,
59.3100

■ 96.4383, 95.5998,
135.3814

■ 27.3291, 26.2494,
42.4411

123.4489,
122.9579, 170.6219

■ 17.9584, 17.0103,
29.1187

155.0836,
155.0930, 211.5016

■ 11.0196, 10.2418,
18.9243

191.7078,
192.3895, 258.4391

■ 6.1474, 5.5596,
11.4393

233.6867,
235.2318, 311.8529

■ 2.9765, 2.5792,
6.2453

281.3857,

■ 1.1413, 0.9162,

284.0042, 372.1615

2.9236

335.1702,
339.0912, 439.7836

■ 0.0593, 0.0000,
1.0558

■ 0.0000, 0.0000,
0.0000

■ 54.8277, 53.6770,
80.1440

■ 54.8277, 53.6770,
80.1440

■ 45.7985, 42.3332,
78.4312

■ 65.2190, 66.8602,
82.1418

■ 38.0695, 32.7401,
76.9869

■ 77.0211, 81.9529,
84.4329

■ 31.5812, 24.8116,
75.7985

■ 89.6112, 97.6796,
86.8049

■ 26.2674, 18.4518,
74.8510

■ 90.8653, 98.3261,
86.8636

■ 22.0558, 13.5545,
74.1277

■ 18.8654, 10.0004,
73.6098

■ 16.6037, 7.6509,
73.2755

■ 15.1574, 6.3315,
73.0971

■ 14.8123, 6.0343,
73.0579

Harmonies

Analogous

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



50.8414, 53.6770, 83.5450



54.8277, 53.6770, 80.1440



57.9260, 53.6770, 70.7475

Triad

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



54.8277, 53.6770, 80.1440



55.1504, 53.6770, 41.4680



43.6601, 53.6770, 57.9391

Complementary

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



54.8277, 53.6770, 80.1440



66.1714, 73.8293, 58.9094

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.



44.6829, 53.6770, 47.6586



54.8277, 53.6770, 80.1440



51.1958, 53.6770, 38.9551

Square

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



54.8277, 53.6770, 80.1440



58.1191, 53.6770, 48.4300



47.3897, 53.6770, 41.0656



44.5209, 53.6770, 69.7538

Rectangle

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



54.8277, 53.6770, 80.1440



58.9965, 53.6770, 62.9047



47.3897, 53.6770, 41.0656



43.7940, 53.6770, 54.2015

Sweetspot

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



54.8294, 53.6792, 80.1452



87.3927, 90.2135, 107.4146



60.4550, 67.5703, 82.5299



18.4834, 19.0259, 22.9481



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.



54.8294, 53.6792, 80.1452



67.1975, 64.6107, 103.5372



60.0790, 56.3855, 80.3909



13.8292, 14.0142, 18.1205



8.7094, 3.5557, 42.6105



0.7151, 0.2996, 3.1521

Inverse Universe

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



62.7961, 57.8956, 75.5776



79.4072, 71.0755, 96.4068



60.7524, 71.0357, 58.6558



14.8753, 14.5673, 17.5435



23.6342, 11.5879, 28.0326



1.7762, 0.8682, 2.2278

Previews

White Background



This preview shows how the XYZ color 54.8277, 53.6770, 80.1440 looks on a white background.

Color Contrast Check

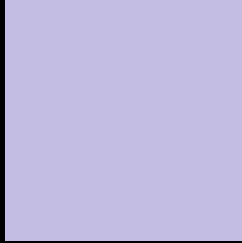
Large Text (above 18pt) WCAG AA × Fail

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 54.8277, 53.6770, 80.1440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

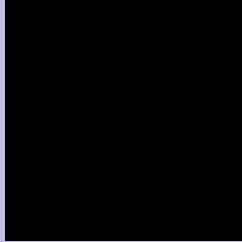
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8277, 53.6770, 80.1440

Background



This preview shows how black text looks on a background with the XYZ color 54.8277, 53.6770, 80.1440.



This preview shows how white text looks on a background with the XYZ color 54.8277, 53.6770,

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

54.8277, 53.6770, 80.1440

Protanopia

53.2422, 53.7955, 81.7061

Deuteranopia

54.8277, 53.6770, 80.1440



Tritanopia

52.2271, 53.5908, 67.2659

Trichromacy



Original Color

54.8277, 53.6770, 80.1440

Protanomaly

53.8696, 53.8102, 80.9460

Deuteranomaly

54.8277, 53.6770, 80.1440

Tritanomaly

53.1447, 53.6372, 71.8420

Monochromacy



Original Color

54.8277, 53.6770, 80.1440

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 54.8277, 53.6770, 80.1440 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(196, 189, 227)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 189, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 227) }
```

Border

The CSS property to change the border of an element to XYZ 54.8277, 53.6770, 80.1440 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(196, 189, 227) }
```


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

```
.border{ border-color:rgb(196, 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(196, 189, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 189, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 189, 227);  
box-shadow:4px 4px 4px 4px rgb(196, 189,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8277, 53.6770, 80.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 189, 227) }
```

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

```
.background{ background-color: rgb(196,  
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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