

Converting Colors

XYZ(54.2033, 57.7303, 80.9235)

Have a look what the booklet for
XYZ(54.2033, 57.7303, 80.9235)
contains.

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Color

**XYZ(54.2771, 57.7322,
80.9558)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CAE3
RGB	182, 202, 227
RGB Percent	71%, 79%, 89%
CMY	0.2863, 0.2078, 0.1098
CMYK	0.20, 0.11, 0.00, 0.11
HSL	213°, 45%, 80%
HSV	213°, 20%, 89%
XYZ	54.2771, 57.7322, 80.9558
YIQ	198.8700, -19.9450, 3.5350

Conversions

Conversions Part 2

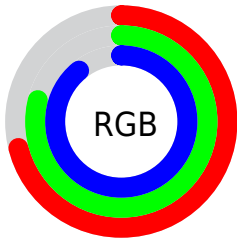
Format	Color
R _Y B	182, 196, 227
Decimal	11979491
CIE Lab	80.59, -1.51, -14.65
CIE LCh	81, 14.730, 264.109
Yxy	57.7322, 0.2813, 0.2992
Android (android.graphics.Color)	4290169571 (0xFFB6CAE3)
YUV	198.8700, 13.8681, -14.7950
Hunter-Lab	75.9817, -5.4575, -9.9842

Details

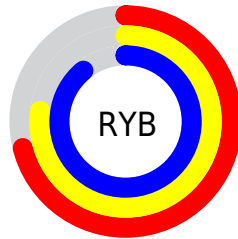
The XYZ color **54.2771, 57.7322, 80.9558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4355, 64.3341, 53.3844**, and the grayscale version is **54.1347, 56.9539, 62.0228**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **27.0896, 28.8255, 43.1658** is the 20% darker color. If you saturate the color by 10%, you get **46.5059, 49.5130, 79.7799**, and if you desaturate by 10%, it is **63.1626, 66.8877, 82.2556**.

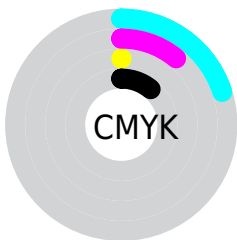
Distribution



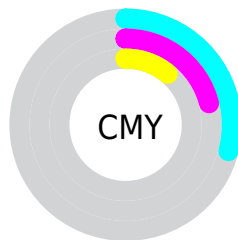
- Red (71%)
- Green (79%)
- Blue (89%)



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



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



- Cyan (29%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2771, 57.7322, 80.9558 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 54.2771, 57.7322, 80.9558 by changing the saturation by 10% instead.

■ 54.2771, 57.7322,
80.9558

■ 54.2771, 57.7322,
80.9558

393.3469,
416.1873, 517.9396

■ 39.0548, 41.5934,
59.9744

■ 95.6355, 101.5328,
136.5322

■ 26.9833, 28.7830,
42.9728

122.5023,
129.9633, 171.9643

■ 17.6972, 18.9168,
29.5326

153.9813,
163.2599, 213.0504

■ 10.8312, 11.6101,
19.2350

190.4379,
201.8070, 260.2090

■ 6.0199, 6.4788,
11.6617

232.2374,
245.9888, 313.8587

■ 2.8979, 3.1384,
6.3940

279.7451,

■ 1.1000, 1.2044,

296.1899, 374.4180

3.0135

333.3265,
352.7946, 442.3055

■ 0.0251, 0.0653,
1.1015

■ 0.0000, 0.0000,
0.0000

■ 54.2771, 57.7322,
80.9558

■ 54.2771, 57.7322,
80.9558

■ 46.5059, 49.5130,
79.7799

■ 63.1626, 66.8877,
82.2556

■ 39.7963, 42.1900,
78.7200

■ 73.2016, 77.0036,
83.6791

■ 34.0986, 35.7302,
77.7734

■ 84.4380, 88.1119,
85.2310

■ 29.3572, 30.0957,
76.9358

■ 90.0555, 96.7065,
86.5938

■ 25.5103, 25.2450,
76.2023

■ 90.8653, 98.3261,
86.8637

■ 22.4880, 21.1321,
75.5677

■ 20.2083, 17.7041,
75.0262

■ 18.5360, 14.8801,
74.5692

■ 18.5093, 14.8342,
74.5618

Harmonies

Analogous

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



51.5285, 57.7322, 77.3656



54.2771, 57.7322, 80.9558



57.2864, 57.7322, 79.3485

Triad

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



54.2771, 57.7322, 80.9558



60.3626, 57.7322, 56.2902



50.2881, 57.7322, 53.5799

Complementary

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



54.2771, 57.7322, 80.9558



62.4355, 64.3341, 53.3844

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.



52.5278, 57.7322, 48.8312



54.2771, 57.7322, 80.9558



58.3586, 57.7322, 50.2923

Square

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



54.2771, 57.7322, 80.9558



60.8726, 57.7322, 64.5882



55.4727, 57.7322, 47.6851



49.2806, 57.7322, 61.1640

Rectangle

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



54.2771, 57.7322, 80.9558



59.0273, 57.7322, 75.6143



55.4727, 57.7322, 47.6851



50.9178, 57.7322, 51.6282

Sweetspot

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



54.2788, 57.7346, 80.9571



86.9917, 91.9094, 107.7631



57.9936, 69.3772, 69.2071



18.4393, 19.4899, 23.0400



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.



54.2788, 57.7346, 80.9571



66.1041, 70.3773, 104.7079



50.4215, 49.2247, 79.5178



14.1075, 14.9364, 18.2838



10.9069, 8.8759, 43.5215



0.8974, 0.8387, 3.2466

Inverse Universe

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



59.0686, 54.0525, 63.1997



73.5388, 64.9752, 77.0742



66.8871, 74.2840, 55.0703



14.6419, 14.4739, 16.3144



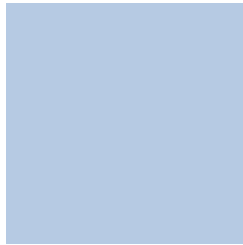
19.8988, 10.0937, 8.3621



1.5166, 0.7644, 0.8609

Previews

White Background



This preview shows how the XYZ color 54.2771, 57.7322, 80.9558 looks on a white background.

Color Contrast Check

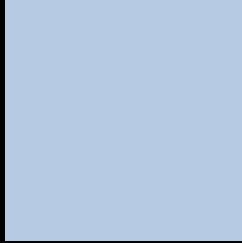
Large Text (above 18pt) WCAG AA × Fail

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 54.2771, 57.7322, 80.9558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

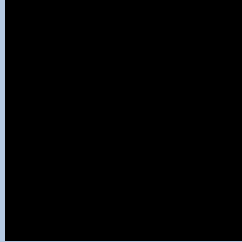
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2771, 57.7322, 80.9558

Background



This preview shows how black text looks on a background with the XYZ color 54.2771, 57.7322, 80.9558.



This preview shows how white text looks on a background with the XYZ color 54.2771, 57.7322,

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

54.2771, 57.7322, 80.9558

Protanopia

56.5496, 57.5602, 79.3639

Deuteranopia

58.8348, 57.6665, 82.1586



Tritanopia

53.1982, 57.6501, 75.3416

Trichromacy



Original Color

54.2771, 57.7322, 80.9558

Protanomaly

55.6367, 57.4142, 80.1012

Deuteranomaly

57.2236, 57.8599, 81.5509

Tritanomaly

53.5968, 57.8096, 77.4407

Monochromacy



Original Color

54.2771, 57.7322, 80.9558

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.1552, 57.2495, 68.5176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2771, 57.7322, 80.9558 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(182, 202, 227)` looks like.

```
.text, #text, p{  
    color:rgb(182, 202, 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(182, 202, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 202, 227) }
```

Border

The CSS property to change the border of an element to XYZ 54.2771, 57.7322, 80.9558 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(182, 202, 227) }
```


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

```
.border{ border-color:rgb(182, 202, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 202, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 202, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 202, 227);  
box-shadow:4px 4px 4px 4px rgb(182, 202,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2771, 57.7322, 80.9558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 202, 227) }
```

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

```
.background{ background-color: rgb(182,  
202, 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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