

Converting Colors

XYZ(58.1783, 54.2571, 83.1339)

Have a look what the booklet for
XYZ(58.1783, 54.2571, 83.1339)
contains.

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Color

**XYZ(58.2772, 54.4426,
83.0382)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BAE7
RGB	209, 186, 231
RGB Percent	82%, 73%, 91%
CMY	0.1804, 0.2706, 0.0941
CMYK	0.10, 0.19, 0.00, 0.09
HSL	271°, 48%, 82%
HSV	271°, 19%, 91%
XYZ	58.2772, 54.4426, 83.0382
YIQ	198.0070, -0.7370, 18.8710

Conversions

Conversions Part 2

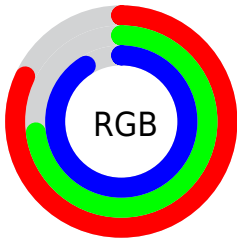
Format	Color
R _Y B	209, 186, 231
Decimal	13744871
CIE Lab	78.72, 16.50, -19.42
CIE LCh	79, 25.482, 310.357
Yxy	54.4426, 0.2977, 0.2781
Android (android.graphics.Color)	4291934951 (0xFFD1BAE7)
YUV	198.0070, 16.2655, 9.6409
Hunter-Lab	73.7852, 11.8591, -15.0755

Details

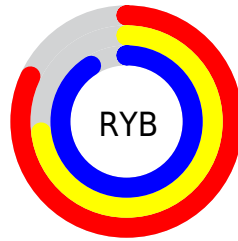
The XYZ color **58.2772, 54.4426, 83.0382** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.4530, 74.1082, 57.4169**, and the grayscale version is **53.5868, 56.3775, 61.3951**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **29.4518, 26.7402, 44.1665** is the 20% darker color. If you saturate the color by 10%, you get **50.7161, 43.8962, 81.4019**, and if you desaturate by 10%, it is **66.8549, 66.6837, 84.9497**.

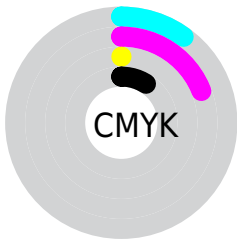
Distribution



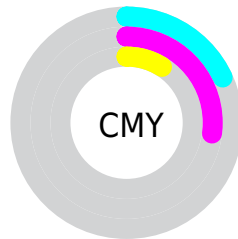
- Red (82%)
- Green (73%)
- Blue (91%)



- Red (82%)
- Yellow (73%)
- Blue (91%)



- Cyan (10%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2772, 54.4426, 83.0382 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 58.2772, 54.4426, 83.0382 by changing the saturation by 10% instead.

■ 58.2772, 54.4426,
83.0382

■ 58.2772, 54.4426,
83.0382

408.1553,
403.7955, 525.0882

■ 42.2757, 38.9556,
61.6809

■ 101.4471, 96.7238,
139.4787

■ 29.5093, 26.7252,
44.3408

129.3461,
124.2868, 175.3989

■ 19.6126, 17.3670,
30.5993

161.9417,
156.6440, 217.0105

■ 12.2204, 10.4965,
20.0380

199.5992,
194.1796, 264.7320

■ 6.9672, 5.7294,
12.2383

242.6839,
237.2782, 318.9820

■ 3.4878, 2.6812,
6.7817

291.5613,

■ 1.4166, 0.9677,

286.3242, 380.1790

3.2496

346.5966,
341.7018, 448.7415

■ 0.2680, 0.0000,
1.2234

■ 0.0000, 0.0000,
0.0000

■ 58.2772, 54.4426,
83.0382

■ 58.2772, 54.4426,
83.0382

■ 50.7161, 43.8962,
81.4019

■ 66.8549, 66.6837,
84.9497

■ 44.1240, 34.9597,
80.0244

■ 76.4839, 80.6853,
87.1448

■ 38.4571, 27.5513,
78.8931

■ 87.1058, 96.3235,
89.6034

■ 33.6657, 21.5789,
77.9929

■ 91.1218, 98.3938,
89.7914

■ 29.6947, 16.9402,
77.3068

■ 91.4240, 98.5496,
89.8055

■ 26.4820, 13.5188,
76.8157

■ 23.9545, 11.1770,
76.4969

■ 21.9971, 9.6931,
76.3137

■ 21.9038, 9.6256,
76.3056

Harmonies

Analogous

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



53.5075, 54.4426, 90.9799



58.2772, 54.4426, 83.0382



61.4182, 54.4426, 69.1048

Triad

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



58.2772, 54.4426, 83.0382



55.0720, 54.4426, 36.7971



42.7880, 54.4426, 64.4086

Complementary

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



58.2772, 54.4426, 83.0382



63.4530, 74.1082, 57.4169

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.



43.1467, 54.4426, 50.4313



58.2772, 54.4426, 83.0382



50.0237, 54.4426, 35.9574

Square

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



58.2772, 54.4426, 83.0382



59.4862, 54.4426, 43.0645



45.7221, 54.4426, 40.5479



44.7083, 54.4426, 79.1241

Rectangle

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



58.2772, 54.4426, 83.0382



62.0523, 54.4426, 59.1062



45.7221, 54.4426, 40.5479



42.6492, 54.4426, 59.4516

Sweetspot

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



58.2789, 54.4449, 83.0394



87.6632, 89.2325, 107.2110



57.3534, 61.5666, 84.4628



18.5977, 18.8591, 22.9099



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.



58.2789, 54.4449, 83.0394



69.3352, 63.0794, 103.1289



64.9392, 57.8784, 83.3511



14.2817, 14.2474, 18.1416



12.4233, 5.4704, 42.7843



1.0252, 0.4595, 3.1666

Inverse Universe

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



61.9008, 56.6631, 67.3513



74.6529, 66.3355, 80.1209



57.6904, 71.1375, 57.1472



14.6692, 14.4849, 16.4583



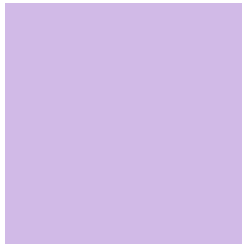
20.2064, 10.2168, 9.9817



1.5400, 0.7737, 0.9842

Previews

White Background



This preview shows how the XYZ color 58.2772, 54.4426, 83.0382 looks on a white background.

Color Contrast Check

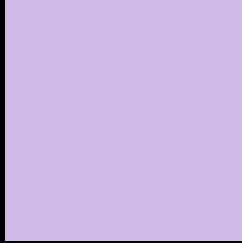
Large Text (above 18pt) WCAG AA × Fail

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 58.2772, 54.4426, 83.0382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

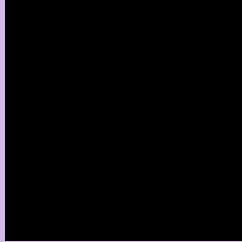
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2772, 54.4426, 83.0382

Background



This preview shows how black text looks on a background with the XYZ color 58.2772, 54.4426, 83.0382.



This preview shows how white text looks on a background with the XYZ color 58.2772, 54.4426,

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

58.2772, 54.4426, 83.0382

Protanopia

54.4600, 54.6352, 87.0322

Deuteranopia

55.7223, 54.4104, 82.4283



Tritanopia

54.8271, 54.6485, 65.4161

Trichromacy



Original Color

58.2772, 54.4426, 83.0382

Protanomaly

55.5129, 54.2368, 85.3848

Deuteranomaly

56.5679, 54.5259, 82.4060

Tritanomaly

55.7888, 54.3720, 71.1728

Monochromacy



Original Color

58.2772, 54.4426, 83.0382

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.2818, 55.7933, 68.8283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2772, 54.4426, 83.0382 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(209, 186, 231)` looks like.

```
.text, #text, p{  
    color:rgb(209, 186, 231)  
}
```

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(209, 186, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 186, 231) }
```

Border

The CSS property to change the border of an element to XYZ 58.2772, 54.4426, 83.0382 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(209, 186, 231) }
```


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

```
.border{ border-color:rgb(209, 186, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 186, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 186, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 186, 231);  
box-shadow:4px 4px 4px 4px rgb(209, 186,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2772, 54.4426, 83.0382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 186, 231) }
```

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

```
.background{ background-color: rgb(209,  
186, 231) }
```

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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