

Converting Colors

XYZ(59.0526, 54.7603, 82.2068)

Have a look what the booklet for
XYZ(59.0526, 54.7603, 82.2068)
contains.

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Color

**XYZ(59.2824, 54.9771,
82.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BAE6
RGB	213, 186, 230
RGB Percent	84%, 73%, 90%
CMY	0.1647, 0.2706, 0.0980
CMYK	0.07, 0.19, 0.00, 0.10
HSL	277°, 47%, 82%
HSV	277°, 19%, 90%
XYZ	59.2824, 54.9771, 82.3500
YIQ	199.0890, 1.9680, 19.4080

Conversions

Conversions Part 2

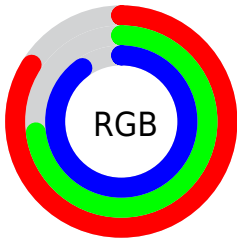
Format	Color
R _Y B	213, 186, 230
Decimal	14007014
CIE Lab	79.03, 17.60, -18.38
CIE LCh	79, 25.445, 313.755
Yxy	54.9771, 0.3015, 0.2796
Android (android.graphics.Color)	4292197094 (0xFFD5BAE6)
YUV	199.0890, 15.2391, 12.1999
Hunter-Lab	74.1465, 12.9597, -13.9472

Details

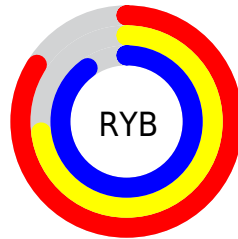
The XYZ color **59.2824, 54.9771, 82.3500** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.7902, 72.8367, 57.2592**, and the grayscale version is **54.2508, 57.0761, 62.1559**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **30.1281, 27.1002, 43.6873** is the 20% darker color. If you saturate the color by 10%, you get **52.3145, 44.7629, 80.7466**, and if you desaturate by 10%, it is **67.1748, 66.8285, 84.2224**.

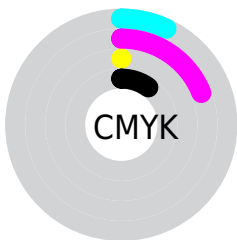
Distribution



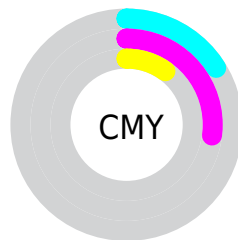
- Red (84%)
- Green (73%)
- Blue (90%)



- Red (84%)
- Yellow (73%)
- Blue (90%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2824, 54.9771, 82.3500 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 59.2824, 54.9771, 82.3500 by changing the saturation by 10% instead.

■ 59.2824, 54.9771,
82.3500

■ 59.2824, 54.9771,
82.3500

411.8249,
405.8251, 522.7318

■ 43.0877, 39.3834,
61.1166

■ 102.9003, 97.5074,
138.5058

■ 30.1488, 27.0581,
43.8881

131.0542,
125.2128, 174.2652

■ 20.1002, 17.6169,
30.2460

163.9252,
157.7242, 215.7038

■ 12.5766, 10.6753,
19.7717

201.8788,
195.4260, 263.2400

■ 7.2126, 5.8489,
12.0468

245.2802,
238.7026, 317.2923

■ 3.6429, 2.7534,
6.6526

294.4947,

■ 1.5022, 1.0044,

287.9384, 378.2794

3.1707

349.8879,
343.5177, 446.6197

■ 0.3273, 0.0000,
1.1824

■ 0.0000, 0.0000,
0.0000

■ 59.2824, 54.9771,
82.3500

■ 59.2824, 54.9771,
82.3500

■ 52.3145, 44.7629,
80.7466

■ 67.1748, 66.8285,
84.2224

■ 46.2266, 36.1033,
79.3959

■ 76.0236, 80.3808,
86.3719

■ 40.9777, 28.9188,
78.2858

■ 85.8636, 95.6994,
88.8101

■ 36.5214, 23.1200,
77.4014

■ 88.9494, 97.2902,
88.9545

■ 32.8063, 18.6076,
76.7263

■ 91.2831, 98.4932,
89.0637

■ 29.7738, 15.2683,
76.2415

■ 27.3552, 12.9683,
75.9251

■ 25.4444, 11.4994,
75.7423

■ 25.2903, 11.3877,
75.7288

Harmonies

Analogous

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



54.6040, 54.9771, 91.2429



59.2824, 54.9771, 82.3500



62.1723, 54.9771, 68.0066

Triad

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



59.2824, 54.9771, 82.3500



55.0259, 54.9771, 36.8783



43.3543, 54.9771, 66.7401

Complementary

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



59.2824, 54.9771, 82.3500



61.7902, 72.8367, 57.2592

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.



43.4511, 54.9771, 52.3927



59.2824, 54.9771, 82.3500



49.9726, 54.9771, 36.6517

Square

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



59.2824, 54.9771, 82.3500



59.6085, 54.9771, 42.5701



45.8045, 54.9771, 41.8910



45.5309, 54.9771, 81.2946

Rectangle

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



59.2824, 54.9771, 82.3500



62.5864, 54.9771, 58.0527



45.8045, 54.9771, 41.8910



43.1266, 54.9771, 61.7059

Sweetspot

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



59.2841, 54.9794, 82.3512



88.2203, 89.5197, 107.2371



56.0326, 59.1503, 83.3276



18.7294, 18.9270, 22.9161



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.



59.2841, 54.9794, 82.3512



71.2578, 64.0705, 103.2189



63.8662, 57.4121, 79.3806



14.4276, 14.3227, 18.1485



14.4585, 6.5195, 42.8795



1.1715, 0.5349, 3.1735

Inverse Universe

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



60.9733, 56.2550, 64.1470



73.8466, 66.0130, 75.8751



57.8865, 70.7693, 59.5561



14.6063, 14.4597, 16.1274



19.5482, 9.9535, 6.5160



1.4889, 0.7533, 0.7151

Previews

White Background



This preview shows how the XYZ color 59.2824, 54.9771, 82.3500 looks on a white background.

Color Contrast Check

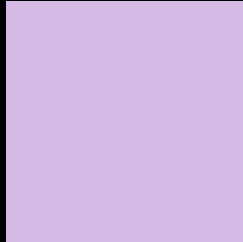
Large Text (above 18pt) WCAG AA × Fail

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 59.2824, 54.9771, 82.3500 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 59.2824, 54.9771, 82.3500

Background



This preview shows how black text looks on a background with the XYZ color 59.2824, 54.9771, 82.3500.



This preview shows how white text looks on a background with the XYZ color 59.2824, 54.9771,

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

59.2824, 54.9771, 82.3500

Protanopia

54.7807, 55.1465, 86.3544

Deuteranopia

56.3268, 55.0609, 81.7878



Tritanopia

55.7274, 54.7900, 65.3960

Trichromacy



Original Color

59.2824, 54.9771, 82.3500

Protanomaly

56.1037, 54.8806, 84.7268

Deuteranomaly

57.2423, 54.8897, 81.7065

Tritanomaly

56.9135, 54.9519, 71.2254

Monochromacy



Original Color

59.2824, 54.9771, 82.3500

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8265, 56.0741, 68.8538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2824, 54.9771, 82.3500 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(213, 186, 230)` looks like.

```
.text, #text, p{  
    color:rgb(213, 186, 230)  
}
```

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(213, 186, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 186, 230) }
```

Border

The CSS property to change the border of an element to XYZ 59.2824, 54.9771, 82.3500 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(213, 186, 230) }
```


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

```
.border{ border-color:rgb(213, 186, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 186, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 186, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 186, 230);  
box-shadow:4px 4px 4px 4px rgb(213, 186,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2824, 54.9771, 82.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 186, 230) }
```

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

```
.background{ background-color: rgb(213,  
186, 230) }
```

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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