

Converting Colors

XYZ(59.5965, 54.0507, 82.7460)

Have a look what the booklet for
XYZ(59.5965, 54.0507, 82.7460)
contains.

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Color

**XYZ(59.6762, 54.2354,
82.9245)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B7E7
RGB	216, 183, 231
RGB Percent	85%, 72%, 91%
CMY	0.1529, 0.2823, 0.0941
CMYK	0.06, 0.21, 0.00, 0.09
HSL	281°, 50%, 81%
HSV	281°, 21%, 91%
XYZ	59.6762, 54.2354, 82.9245
YIQ	198.3390, 4.2600, 21.9240

Conversions

Conversions Part 2

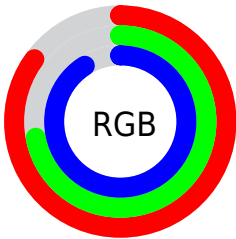
Format	Color
R _Y B	216, 183, 231
Decimal	14202855
CIE Lab	78.60, 20.39, -19.54
CIE LCh	79, 28.244, 316.219
Yxy	54.2354, 0.3032, 0.2755
Android (android.graphics.Color)	4292392935 (0xFFD8B7E7)
YUV	198.3390, 16.1019, 15.4887
Hunter-Lab	73.6447, 15.7650, -15.2097

Details

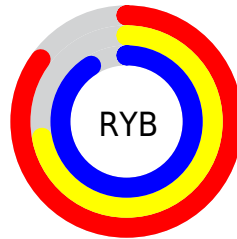
The XYZ color **59.6762, 54.2354, 82.9245** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.4137, 72.5778, 55.6271**, and the grayscale version is **53.7874, 56.5885, 61.6249**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **30.4184, 26.6375, 44.0958** is the 20% darker color. If you saturate the color by 10%, you get **53.2113, 44.4018, 81.3680**, and if you desaturate by 10%, it is **67.0200, 65.6858, 84.7484**.

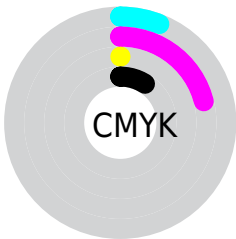
Distribution



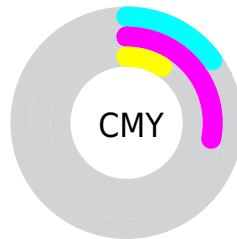
- Red (85%)
- Green (72%)
- Blue (91%)



- Red (85%)
- Yellow (72%)
- Blue (91%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6762, 54.2354, 82.9245 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 59.6762, 54.2354, 82.9245 by changing the saturation by 10% instead.

■ 59.6762, 54.2354,
82.9245

■ 59.6762, 54.2354,
82.9245

413.2571,
403.0070, 524.6993

■ 43.4062, 38.7899,
61.5876

■ 103.4688, 96.4198,
139.3180

■ 30.3998, 26.5963,
44.2659

131.7221,
123.9275, 175.2117

■ 20.2918, 17.2703,
30.5409

164.7006,
156.2246, 216.7948

■ 12.7169, 10.4274,
19.9940

202.7695,
193.6957, 264.4857

■ 7.3095, 5.6832,
12.2066

246.2942,
236.7251, 318.7031

■ 3.7045, 2.6534,
6.7603

295.6402,

■ 1.5363, 0.9536,

285.6972, 379.8655

3.2365

351.1727,
340.9964, 448.3913

■ 0.3504, 0.0000,
1.2166

■ 0.0000, 0.0000,
0.0000

■ 59.6762, 54.2354,
82.9245

■ 59.6762, 54.2354,
82.9245

■ 53.2113, 44.4018,
81.3680

■ 67.0200, 65.6858,
84.7484

■ 47.5812, 36.1012,
80.0625

■ 75.2745, 78.8175,
86.8480

■ 42.7448, 29.2527,
78.9956

■ 84.4757, 93.7003,
89.2357

■ 38.6557, 23.7650,
78.1518

■ 87.7975, 96.6801,
89.6358

■ 35.2620, 19.5363,
77.5145

■ 90.3639, 98.0031,
89.7559

■ 32.5045, 16.4499,
77.0641

■ 91.4240, 98.5496,
89.8055

■ 30.3126, 14.3669,
76.7776

■ 28.6847, 13.1213,
76.6229

Harmonies

Analogous

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



54.5993, 54.2354, 93.6800



59.6762, 54.2354, 82.9245



62.6683, 54.2354, 66.6668

Triad

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



59.6762, 54.2354, 82.9245



54.1432, 54.2354, 33.9882



41.9324, 54.2354, 68.0428

Complementary

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



59.6762, 54.2354, 82.9245



60.4137, 72.5778, 55.6271

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.



41.8297, 54.2354, 52.0424



59.6762, 54.2354, 82.9245



48.6148, 54.2354, 34.2224

Square

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



59.6762, 54.2354, 82.9245



59.3217, 54.2354, 39.5577



44.1956, 54.2354, 40.2683



44.4870, 54.2354, 84.0869

Rectangle

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



59.6762, 54.2354, 82.9245



62.9481, 54.2354, 55.7919



44.1956, 54.2354, 40.2683



41.6167, 54.2354, 62.4390

Sweetspot

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



59.6779, 54.2377, 82.9257



88.6246, 89.7281, 107.2560



54.1942, 56.3187, 83.6164



18.8251, 18.9763, 22.9206



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.



59.6779, 54.2377, 82.9257



71.0220, 62.2661, 102.8830



63.1017, 56.1428, 76.7599



14.5340, 14.3775, 18.1534



16.2142, 7.4246, 42.9617



1.2928, 0.5974, 3.1791

Inverse Universe

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



60.0833, 54.9354, 60.8653



71.7049, 63.3425, 70.1884



57.5985, 71.0174, 60.4274



14.5616, 14.4418, 15.8917



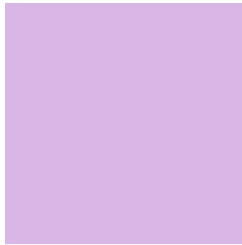
19.1835, 9.8076, 4.5955



1.4583, 0.7410, 0.5540

Previews

White Background



This preview shows how the XYZ color 59.6762, 54.2354, 82.9245 looks on a white background.

Color Contrast Check

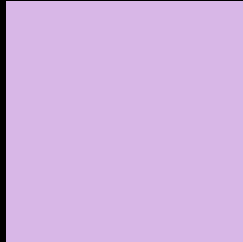
Large Text (above 18pt) WCAG AA × Fail

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 59.6762, 54.2354, 82.9245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

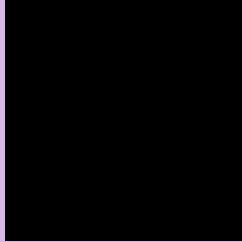
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6762, 54.2354, 82.9245

Background



This preview shows how black text looks on a background with the XYZ color 59.6762, 54.2354, 82.9245.



This preview shows how white text looks on a background with the XYZ color 59.6762, 54.2354,

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

59.6762, 54.2354, 82.9245

Protanopia

54.5102, 54.6273, 88.5600

Deuteranopia

55.7223, 54.4104, 82.4283



Tritanopia

55.9141, 54.2753, 64.0291

Trichromacy



Original Color

59.6762, 54.2354, 82.9245

Protanomaly

55.9579, 54.1291, 86.0959

Deuteranomaly

56.9551, 54.0912, 82.3017

Tritanomaly

57.0097, 54.0680, 70.3822

Monochromacy



Original Color

59.6762, 54.2354, 82.9245

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.8797, 55.7722, 68.7927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6762, 54.2354, 82.9245 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(216, 183, 231)` looks like.

```
.text, #text, p{  
    color:rgb(216, 183, 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(216, 183, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 183, 231) }
```

Border

The CSS property to change the border of an element to XYZ 59.6762, 54.2354, 82.9245 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(216, 183, 231) }
```


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

```
.border{ border-color:rgb(216, 183, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 183, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 183, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 183, 231);  
box-shadow:4px 4px 4px 4px rgb(216, 183,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6762, 54.2354, 82.9245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 183, 231) }
```

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

```
.background{ background-color: rgb(216,  
183, 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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