

Converting Colors

XYZ(59.4863, 54.3460, 81.8499)

Have a look what the booklet for
XYZ(59.4863, 54.3460, 81.8499)
contains.

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Color

**XYZ(59.7423, 54.5931,
82.2517)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B8E6
RGB	216, 184, 230
RGB Percent	85%, 72%, 90%
CMY	0.1529, 0.2784, 0.0980
CMYK	0.06, 0.20, 0.00, 0.10
HSL	282°, 48%, 81%
HSV	282°, 20%, 90%
XYZ	59.7423, 54.5931, 82.2517
YIQ	198.8120, 4.3060, 21.0900

Conversions

Conversions Part 2

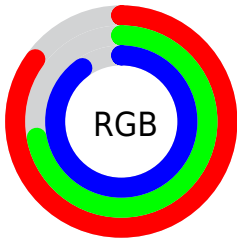
Format	Color
R _Y B	216, 184, 230
Decimal	14203110
CIE Lab	78.81, 19.66, -18.69
CIE LCh	79, 27.122, 316.443
Yxy	54.5931, 0.3039, 0.2777
Android (android.graphics.Color)	4292393190 (0xFFD8B8E6)
YUV	198.8120, 15.3757, 15.0739
Hunter-Lab	73.8871, 15.0257, -14.2811

Details

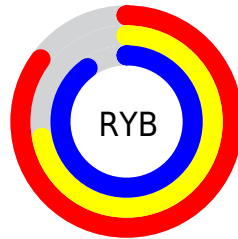
The XYZ color **59.7423, 54.5931, 82.2517** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.2393, 72.0615, 56.0844**, and the grayscale version is **54.0798, 56.8962, 61.9600**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **30.4542, 26.8657, 43.6249** is the 20% darker color. If you saturate the color by 10%, you get **53.3236, 44.7601, 80.6929**, and if you desaturate by 10%, it is **67.0292, 66.0296, 84.0759**.

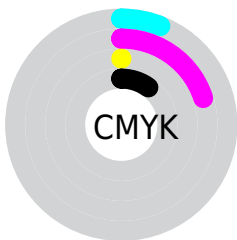
Distribution



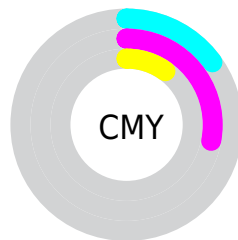
- Red (85%)
- Green (72%)
- Blue (90%)



- Red (85%)
- Yellow (72%)
- Blue (90%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7423, 54.5931, 82.2517 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 59.7423, 54.5931, 82.2517 by changing the saturation by 10% instead.

■ 59.7423, 54.5931,
82.2517

■ 59.7423, 54.5931,
82.2517

413.4972,
404.3677, 522.3948

■ 43.4596, 39.0760,
61.0360

■ 103.5642, 96.9445,
138.3668

■ 30.4420, 26.8189,
43.8235

131.8342,
124.5477, 174.1032

■ 20.3240, 17.4372,
30.1956

164.8306,
156.9483, 215.5170

■ 12.7404, 10.5467,
19.7338

202.9189,
194.5309, 263.0266

■ 7.3258, 5.7629,
12.0195

246.4643,
237.6797, 317.0507

■ 3.7148, 2.7015,
6.6343

295.8323,

■ 1.5421, 0.9779,

286.7791, 378.0077

3.1595

351.3881,
342.2137, 446.3162

■ 0.3542, 0.0000,
1.1766

■ 0.0000, 0.0000,
0.0000

■ 59.7423, 54.5931,
82.2517

■ 59.7423, 54.5931,
82.2517

■ 53.3236, 44.7601,
80.6929

■ 67.0292, 66.0296,
84.0759

■ 47.7296, 36.4482,
79.3834

■ 75.2152, 79.1331,
86.1737

■ 42.9201, 29.5779,
78.3107

■ 84.3360, 93.9721,
88.5572

■ 38.8497, 24.0597,
77.4601

■ 87.3524, 96.4669,
88.8798

■ 35.4675, 19.7937,
76.8150

■ 89.8280, 97.7431,
88.9956

■ 32.7157, 16.6661,
76.3564

■ 91.2831, 98.4932,
89.0637

■ 30.5257, 14.5416,
76.0617

■ 28.7801, 13.1868,
75.8922

■ 28.7798, 13.1865,
75.8922

Harmonies

Analogous

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



54.8689, 54.5931, 92.5774



59.7423, 54.5931, 82.2517



62.5949, 54.5931, 66.6518

Triad

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



59.7423, 54.5931, 82.2517



54.3488, 54.5931, 35.0682



42.5974, 54.5931, 68.2179

Complementary

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



59.7423, 54.5931, 82.2517



60.2393, 72.0615, 56.0844

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.



42.4794, 54.5931, 52.7730



59.7423, 54.5931, 82.2517



49.0192, 54.5931, 35.3403

Square

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



59.7423, 54.5931, 82.2517



59.3389, 54.5931, 40.4746



44.7562, 54.5931, 41.2959



45.0905, 54.5931, 83.5674

Rectangle

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



59.7423, 54.5931, 82.2517



62.8475, 54.5931, 56.1836



44.7562, 54.5931, 41.2959



42.2849, 54.5931, 62.8253

Sweetspot

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



59.7440, 54.5954, 82.2529



88.6693, 89.7511, 107.2581



54.3761, 56.5536, 82.9138



18.8357, 18.9818, 22.9211



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.



59.7440, 54.5954, 82.2529



72.0134, 63.6114, 103.0905



62.9021, 56.3570, 76.3671



14.5458, 14.3836, 18.1540



16.4231, 7.5323, 42.9715



1.3070, 0.6048, 3.1798

Inverse Universe

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



59.9686, 55.1836, 60.9196



72.4249, 64.5297, 71.2084



57.6285, 70.6104, 60.7156



14.5567, 14.4399, 15.8658



19.1486, 9.7937, 4.4118



1.4552, 0.7398, 0.5378

Previews

White Background



This preview shows how the XYZ color 59.7423, 54.5931, 82.2517 looks on a white background.

Color Contrast Check

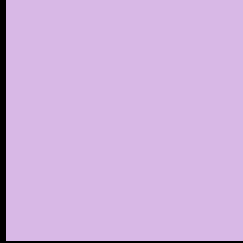
Large Text (above 18pt) WCAG AA × Fail

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 59.7423, 54.5931, 82.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

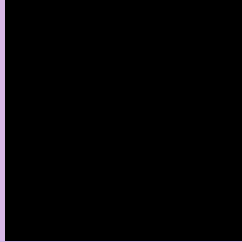
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7423, 54.5931, 82.2517

Background



This preview shows how black text looks on a background with the XYZ color 59.7423, 54.5931, 82.2517.



This preview shows how white text looks on a background with the XYZ color 59.7423, 54.5931,

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

59.7423, 54.5931, 82.2517

Protanopia

54.4600, 54.6352, 87.0322

Deuteranopia

56.0624, 54.9245, 81.7754



Tritanopia

56.2481, 54.7519, 64.7303

Trichromacy



Original Color

59.7423, 54.5931, 82.2517

Protanomaly

56.2907, 54.6377, 85.4212

Deuteranomaly

57.3029, 54.6027, 81.6479

Tritanomaly

57.2211, 54.4909, 70.4527

Monochromacy



Original Color

59.7423, 54.5931, 82.2517

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.1015, 56.2159, 68.8666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7423, 54.5931, 82.2517 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, 184, 230)` looks like.

```
.text, #text, p{  
    color:rgb(216, 184, 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(216, 184, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 184, 230) }
```

Border

The CSS property to change the border of an element to XYZ 59.7423, 54.5931, 82.2517 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, 184, 230) }
```


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

```
.border{ border-color:rgb(216, 184, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 184, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 184, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 184, 230);  
box-shadow:4px 4px 4px 4px rgb(216, 184,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7423, 54.5931, 82.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 184, 230) }
```

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

```
.background{ background-color: rgb(216,  
184, 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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