

Converting Colors

XYZ(59.9706, 54.1625, 79.2451)

Have a look what the booklet for
XYZ(59.9706, 54.1625, 79.2451)
contains.

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Color

**XYZ(59.9706, 54.1625,
79.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB6E2
RGB	220, 182, 226
RGB Percent	86%, 71%, 89%
CMY	0.1372, 0.2863, 0.1137
CMYK	0.03, 0.19, 0.00, 0.11
HSL	292°, 43%, 80%
HSV	292°, 19%, 89%
XYZ	59.9706, 54.1625, 79.2451
YIQ	198.3780, 8.5240, 21.7400

Conversions

Conversions Part 2

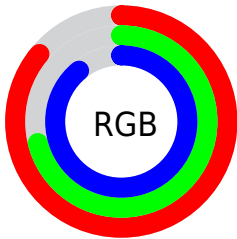
Format	Color
R_{YB}	220, 182, 226
Decimal	14464738
CIE _{Lab}	78.56, 21.28, -16.87
CIE _{LCh}	79, 27.155, 321.585
Yxy	54.1625, 0.3101, 0.2801
Android (android.graphics.Color)	4292654818 (0xFFDCB6E2)
YUV	198.3780, 13.6176, 18.9625
Hunter-Lab	73.5952, 16.6630, -12.3251

Details

The XYZ color **59.9706, 54.1625, 79.2451** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.3808, 68.4628, 54.5017**, and the grayscale version is **53.8239, 56.6269, 61.6667**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **30.7180, 26.6401, 42.0511** is the 20% darker color. If you saturate the color by 10%, you get **54.7869, 45.1662, 77.7827**, and if you desaturate by 10%, it is **65.9217, 64.6662, 80.9597**.

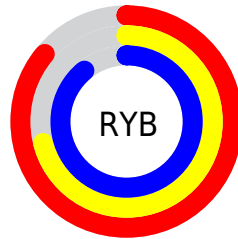
Distribution



Red (86%)

Green (71%)

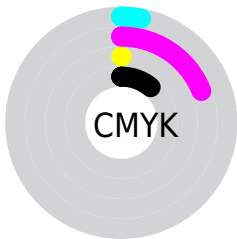
Blue (89%)



Red (86%)

Yellow (71%)

Blue (89%)

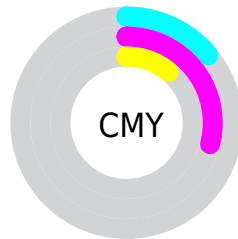


Cyan (3%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9706, 54.1625, 79.2451 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 59.9706, 54.1625, 79.2451 by changing the saturation by 10% instead.

■ 59.9706, 54.1625,
79.2451

■ 59.9706, 54.1625,
79.2451

414.3259,
402.7294, 512.0246

■ 43.6443, 38.7316,
58.5748

■ 103.8936, 96.3128,
134.1056

■ 30.5877, 26.5510,
41.8532

132.2210,
123.8010, 169.1330

■ 20.4354, 17.2363,
28.6617

165.2795,
156.0770, 209.7832

■ 12.8220, 10.4031,
18.5816

203.4345,
193.5254, 256.4747

■ 7.3822, 5.6670,
11.1946

247.0513,
236.5304, 309.6260

■ 3.7507, 2.6437,
6.0821

296.4952,

■ 1.5621, 0.9487,

285.4765, 369.6558

2.8255

352.1316,
340.7480, 436.9825

■ 0.3675, 0.0000,
1.0062

■ 0.0000, 0.0000,
0.0000

■ 59.9706, 54.1625,
79.2451

■ 59.9706, 54.1625,
79.2451

■ 54.7869, 45.1662,
77.7827

■ 65.9217, 64.6662,
80.9597

■ 50.3298, 37.5986,
76.5569

■ 72.6687, 76.7370,
82.9340

■ 46.5622, 31.3848,
75.5561

■ 80.2447, 90.4400,
85.1796

■ 43.4415, 26.4397,
74.7660

■ 82.8732, 94.2220,
85.7711

40.9205, 22.6691,
74.1711

83.8844, 94.7432,
85.8184

38.9454, 19.9652,
73.7533

84.9132, 95.2736,
85.8665

37.4521, 18.2004,
73.4914

85.9597, 95.8131,
85.9155

36.3361, 17.1656,
73.3504

87.0240, 96.3618,
85.9653

36.2805, 17.1175,
73.3441

88.1062, 96.9197,
86.0160

Harmonies

Analogous

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



55.3589, 54.1625, 90.8402



59.9706, 54.1625, 79.2451



62.3447, 54.1625, 63.3921

Triad

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



59.9706, 54.1625, 79.2451



53.0003, 54.1625, 34.3611



42.4921, 54.1625, 70.4932

Complementary

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



59.9706, 54.1625, 79.2451



56.3808, 68.4628, 54.5017

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.



41.9568, 54.1625, 54.7656



59.9706, 54.1625, 79.2451



47.7863, 54.1625, 35.5961

Square

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



59.9706, 54.1625, 79.2451



58.1418, 54.1625, 38.7658



43.8309, 54.1625, 42.4927



45.3472, 54.1625, 85.2090

Rectangle

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



59.9706, 54.1625, 79.2451



62.2324, 54.1625, 53.2512



43.8309, 54.1625, 42.4927



42.0432, 54.1625, 65.0923

Sweetspot

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



59.9723, 54.1648, 79.2463



89.5984, 90.2301, 107.3016



51.1328, 51.6619, 79.2291



19.0558, 19.0953, 22.9314



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.



59.9723, 54.1648, 79.2463



76.2275, 66.6325, 103.4515



59.8014, 54.3101, 68.6980



14.1016, 13.8359, 17.3150



20.7723, 9.8038, 41.8459



1.4913, 0.7061, 2.9029

Inverse Universe

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



57.1709, 53.2579, 54.8460



71.9998, 65.2743, 66.1501



56.6136, 68.3887, 63.2826



13.7830, 13.7308, 14.6273



18.0580, 9.2902, 1.7052



1.2765, 0.6539, 0.2487

Previews

White Background



This preview shows how the XYZ color 59.9706, 54.1625, 79.2451 looks on a white background.

Color Contrast Check

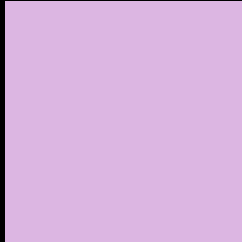
Large Text (above 18pt) WCAG AA × Fail

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 59.9706, 54.1625, 79.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

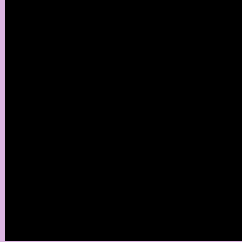
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9706, 54.1625, 79.2451

Background



This preview shows how black text looks on a background with the XYZ color 59.9706, 54.1625, 79.2451.



This preview shows how white text looks on a background with the XYZ color 59.9706, 54.1625,

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

59.9706, 54.1625, 79.2451

Protanopia

54.0276, 54.4622, 84.7555

Deuteranopia

55.5573, 54.4053, 78.8072



Tritanopia

56.4204, 53.9338, 62.6949

Trichromacy



Original Color

59.9706, 54.1625, 79.2451

Protanomaly

55.7692, 54.1141, 82.3686

Deuteranomaly

57.0931, 54.2423, 78.6948

Tritanomaly

57.5971, 54.1028, 68.3800

Monochromacy



Original Color

59.9706, 54.1625, 79.2451

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.6884, 55.3752, 67.4279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9706, 54.1625, 79.2451 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(220, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(220, 182, 226)  
}
```

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(220, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 182, 226) }
```

Border

The CSS property to change the border of an element to XYZ 59.9706, 54.1625, 79.2451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

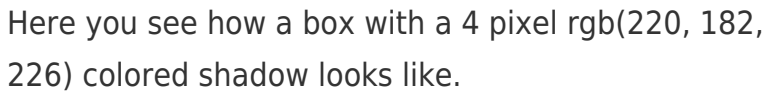
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 182, 226) }
```


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

```
.border{ border-color:rgb(220, 182, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 182, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 182, 226); box-shadow:4px 4px 4px 4px rgb(220, 182, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9706, 54.1625, 79.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 182, 226) }
```

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

```
.background{ background-color: rgb(220,  
182, 226) }
```

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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