

Converting Colors

XYZ(59.4522, 49.8872, 77.5104)

Have a look what the booklet for
XYZ(59.4522, 49.8872, 77.5104)
contains.

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Color

**XYZ(59.5881, 49.9355,
77.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A8E1
RGB	228, 168, 225
RGB Percent	89%, 66%, 88%
CMY	0.1059, 0.3412, 0.1176
CMYK	0.00, 0.26, 0.01, 0.11
HSL	303°, 53%, 78%
HSV	303°, 26%, 89%
XYZ	59.5881, 49.9355, 77.7320
YIQ	192.4380, 17.4630, 30.4470

Conversions

Conversions Part 2

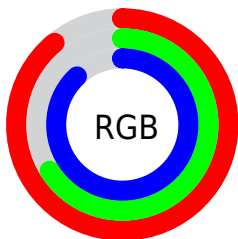
Format	Color
RYB	228, 168, 225
Decimal	14985441
CIELab	76.03, 31.25, -20.08
CIELCh	76, 37.148, 327.285
Yxy	49.9355, 0.3182, 0.2667
Android (android.graphics.Color)	4293175521 (0xFFE4A8E1)
YUV	192.4380, 16.0531, 31.1879
Hunter-Lab	70.6651, 26.8558, -15.7538

Details

The XYZ color **59.5881, 49.9355, 77.7320** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.2445, 66.7534, 48.7147**, and the grayscale version is **50.2621, 52.8797, 57.5860**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **30.3997, 23.9344, 41.0478** is the 20% darker color. If you saturate the color by 10%, you get **55.5877, 42.1820, 75.6342**, and if you desaturate by 10%, it is **64.3305, 59.1697, 80.0834**.

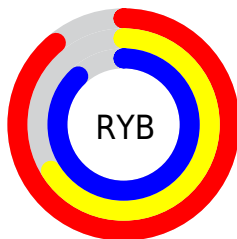
Distribution



Red (89%)

Green (66%)

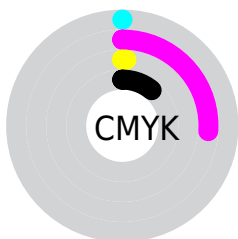
Blue (88%)



Red (89%)

Yellow (66%)

Blue (88%)

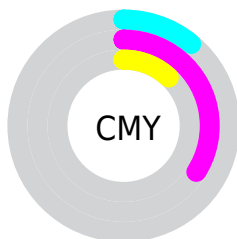


Cyan (0%)

Magenta (26%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (34%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5881, 49.9355, 77.7320 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 59.5881, 49.9355, 77.7320 by changing the saturation by 10% instead.

59.5881, 49.9355,
77.7320

59.5881, 49.9355,
77.7320

412.9370,
386.4137, 506.7600

43.3349, 35.3622,
57.3387

103.3417, 90.0793,
131.9547

30.3436, 23.9420,
40.8661

131.5728,
116.4185, 166.6212

20.2489, 15.2906,
27.8955

164.5272,
147.4485, 206.8825

12.6854, 9.0236,
18.0086

202.5703,
183.5537, 253.1571

7.2878, 4.7566,
10.7866

246.0675,
225.1184, 305.8636

3.6907, 2.1051,
5.8112

295.3841,

1.5287, 0.6675,

272.5270, 365.4206

2.6637

350.8855,
326.1640, 432.2465

■ 0.3452, 0.0000,
0.9251

■ 0.0000, 0.0000,
0.0000

■ 59.5881, 49.9355,
77.7320

■ 59.5881, 49.9355,
77.7320

■ 55.5877, 42.1820,
75.6342

■ 64.3305, 59.1697,
80.0834

■ 52.2863, 35.8256,
73.7739

■ 69.8462, 69.9495,
82.6971

■ 49.6433, 30.7844,
72.1382

■ 76.1699, 82.3438,
85.5853

■ 47.6122, 26.9653,
70.7116

■ 81.9767, 93.7028,
88.3064

46.1404, 24.2632,
69.4765

82.1370, 93.7669,
89.1505

45.1665, 22.5552,
68.4124

82.2984, 93.8314,
90.0001

44.6135, 21.6874,
67.4937

82.4607, 93.8964,
90.8552

44.4676, 21.4831,
67.1757

82.6242, 93.9617,
91.7159

82.7887, 94.0275,
92.5821

Harmonies

Analogous

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



53.8408, 49.9355, 95.8614



59.5881, 49.9355, 77.7320



62.0659, 49.9355, 56.2005

Triad

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



59.5881, 49.9355, 77.7320



48.0967, 49.9355, 24.4515



36.5707, 49.9355, 73.8228

Complementary

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



59.5881, 49.9355, 77.7320



51.2445, 66.7534, 48.7147

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.



35.3502, 49.9355, 52.5821



59.5881, 49.9355, 77.7320



41.6084, 49.9355, 27.0043

Square

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



59.5881, 49.9355, 77.7320



55.0397, 49.9355, 28.1549



37.1042, 49.9355, 36.2335



40.6142, 49.9355, 93.2453

Rectangle

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



59.5881, 49.9355, 77.7320



61.3664, 49.9355, 43.7960



37.1042, 49.9355, 36.2335



35.8349, 49.9355, 66.5250

Sweetspot

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



59.5896, 49.9377, 77.7331



88.7201, 87.6023, 105.9819



44.8031, 42.2672, 79.1967



18.7511, 18.2838, 22.5725



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.



59.5896, 49.9377, 77.7331



73.6603, 58.2607, 98.5633



55.8496, 48.4417, 58.0384



14.9623, 14.6021, 18.0021



25.6905, 12.4104, 38.8605



1.9081, 0.9209, 2.9224

Inverse Universe

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



59.5896, 49.9377, 77.7331



73.6603, 58.2607, 98.5633



54.4363, 68.0301, 65.5223



14.9623, 14.6021, 18.0021



25.6905, 12.4104, 38.8605



1.9081, 0.9209, 2.9224

Previews

White Background



This preview shows how the XYZ color 59.5881, 49.9355, 77.7320 looks on a white background.

Color Contrast Check

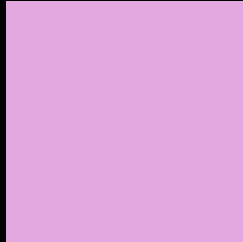
Large Text (above 18pt) WCAG AA × Fail

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 59.5881, 49.9355, 77.7320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

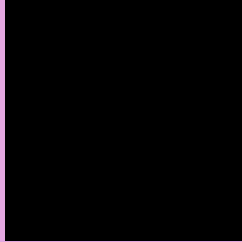
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5881, 49.9355, 77.7320

Background



This preview shows how black text looks on a background with the XYZ color 59.5881, 49.9355, 77.7320.



This preview shows how white text looks on a background with the XYZ color 59.5881, 49.9355,

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

59.5881, 49.9355, 77.7320

Protanopia

50.5242, 50.3462, 87.1756

Deuteranopia

51.1046, 49.9597, 76.0569



Tritanopia

54.8385, 49.9788, 54.3335

Trichromacy



Original Color

59.5881, 49.9355, 77.7320



Protanomaly

53.0762, 49.5927, 83.8657



Deuteranomaly

53.8683, 49.8650, 76.5978



Tritanomaly

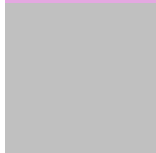
56.3465, 49.7296, 61.8873

Monochromacy



Original Color

59.5881, 49.9355, 77.7320



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.0094, 51.2057, 64.2165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5881, 49.9355, 77.7320 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(228, 168, 225)` looks like.

```
.text, #text, p{  
    color:rgb(228, 168, 225)  
}
```

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(228, 168, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 168, 225) }
```

Border

The CSS property to change the border of an element to XYZ 59.5881, 49.9355, 77.7320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

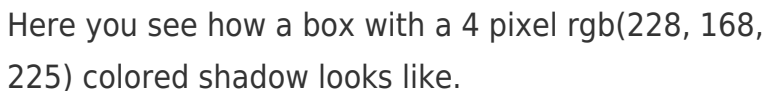
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 168, 225) }
```


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

```
.border{ border-color:rgb(228, 168, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 168, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 168, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 168, 225); box-shadow:4px 4px 4px 4px rgb(228, 168, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5881, 49.9355, 77.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 168, 225) }
```

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

```
.background{ background-color: rgb(228,  
168, 225) }
```

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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