

Converting Colors

XYZ(61.0656, 55.1136, 78.5079)

Have a look what the booklet for
XYZ(61.0656, 55.1136, 78.5079)
contains.

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Color

**XYZ(60.9555, 54.9912,
78.6358)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB7E1
RGB	223, 183, 225
RGB Percent	87%, 72%, 88%
CMY	0.1255, 0.2823, 0.1176
CMYK	0.01, 0.19, 0.00, 0.12
HSL	297°, 41%, 80%
HSV	297°, 19%, 88%
XYZ	60.9555, 54.9912, 78.6358
YIQ	199.7480, 10.3580, 21.5420

Conversions

Conversions Part 2

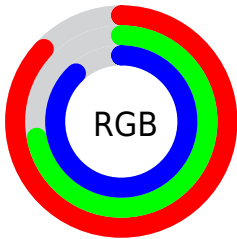
Format	Color
R _Y B	223, 183, 225
Decimal	14661601
CIE Lab	79.04, 21.54, -15.58
CIE LCh	79, 26.589, 324.121
Yxy	54.9912, 0.3133, 0.2826
Android (android.graphics.Color)	4292851681 (0xFFDFB7E1)
YUV	199.7480, 12.4492, 20.3920
Hunter-Lab	74.1561, 16.9520, -10.9625

Details

The XYZ color **60.9555, 54.9912, 78.6358** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.4820, 67.5850, 54.9235**, and the grayscale version is **54.6676, 57.5145, 62.6333**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **31.1747, 27.0830, 41.6147** is the 20% darker color. If you saturate the color by 10%, you get **56.3521, 46.2719, 77.1962**, and if you desaturate by 10%, it is **66.3062, 65.2000, 80.3251**.

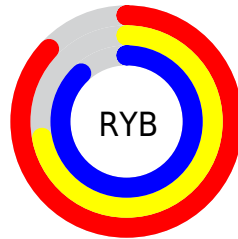
Distribution



Red (87%)

Green (72%)

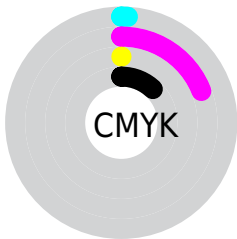
Blue (88%)



Red (87%)

Yellow (72%)

Blue (88%)

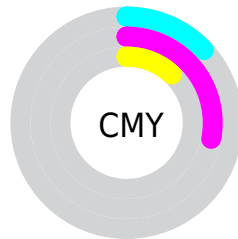


Cyan (1%)

Magenta (19%)

Yellow (0%)

Black (12%)



Cyan (13%)


Magenta (28%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9555, 54.9912, 78.6358 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 60.9555, 54.9912, 78.6358 by changing the saturation by 10% instead.


 60.9555, 54.9912,
78.6358

 60.9555, 54.9912,
78.6358


417.8893,
405.8786, 509.9084

 44.4417, 39.3947,
58.0769


 105.3130, 97.5281,
133.2400

 31.2173, 27.0669,
41.4553


133.8873,
125.2372, 168.1224

 20.9170, 17.6235,
28.3527

167.2126,
157.7526, 208.6163

 13.1755, 10.6800,
18.3503

205.6540,
195.4588, 255.1404

 7.6273, 5.8521,
11.0298

249.5771,
238.7401, 308.1131

 3.9072, 2.7554,
5.9724

299.3471,

 1.6498, 1.0054,

287.9809, 367.9530

2.7598

355.3294,
343.5656, 435.0786

■ 0.4245, 0.0000,
0.9733

■ 0.0000, 0.0000,
0.0000

■ 60.9555, 54.9912,
78.6358

■ 60.9555, 54.9912,
78.6358

■ 56.3521, 46.2719,
77.1962

■ 66.3062, 65.2000,
80.3251

■ 52.4557, 38.9646,
75.9912

■ 72.4319, 76.9568,
82.2715

■ 49.2301, 32.9957,
75.0090

■ 79.3653, 90.3257,
84.4866

■ 46.6336, 28.2819,
74.2360

■ 81.1199, 93.3339,
84.9747

44.6199, 24.7307,
73.6567

81.4594, 93.5089,
84.9906

43.1365, 22.2370,
73.2536

81.8011, 93.6851,
85.0066

42.1212, 20.6765,
73.0059

82.1449, 93.8623,
85.0227

41.4808, 19.8625,
72.8825

82.4908, 94.0406,
85.0389

41.4063, 19.7757,
72.8697

82.8388, 94.2200,
85.0552

Harmonies

Analogous

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



56.5381, 54.9912, 90.6144



60.9555, 54.9912, 78.6358



63.0596, 54.9912, 62.9118

Triad

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



60.9555, 54.9912, 78.6358



53.3170, 54.9912, 35.3092



43.5177, 54.9912, 72.5954

Complementary

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



60.9555, 54.9912, 78.6358



55.4820, 67.5850, 54.9235

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.



42.7827, 54.9912, 56.9396



60.9555, 54.9912, 78.6358



48.2175, 54.9912, 37.0180

Square

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



60.9555, 54.9912, 78.6358



58.4624, 54.9912, 39.2274



44.4469, 54.9912, 44.3658



46.5265, 54.9912, 86.7354

Rectangle

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



60.9555, 54.9912, 78.6358



62.7722, 54.9912, 53.0426



44.4469, 54.9912, 44.3658



43.0054, 54.9912, 67.2726

Sweetspot

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



60.9572, 54.9936, 78.6370



90.0943, 90.4858, 107.3248



50.4913, 50.2460, 78.2722



19.1734, 19.1559, 22.9369



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.



60.9572, 54.9936, 78.6370



78.7145, 68.7777, 103.7345



59.1393, 54.3380, 65.8294



14.2272, 13.9006, 17.3209



23.8890, 11.4105, 41.9917



1.6760, 0.8013, 2.9116

Inverse Universe

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



56.7437, 53.3798, 53.2142



72.2504, 66.3048, 64.6014



57.1044, 68.1786, 65.9672



13.7336, 13.7111, 14.3671



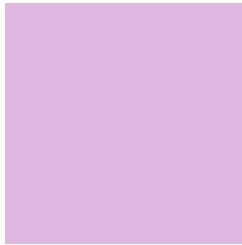
17.9391, 9.2426, 1.0791



1.2529, 0.6444, 0.1246

Previews

White Background



This preview shows how the XYZ color 60.9555, 54.9912, 78.6358 looks on a white background.

Color Contrast Check

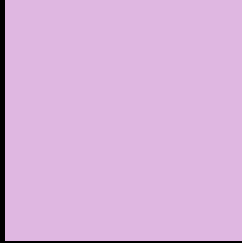
Large Text (above 18pt) WCAG AA × Fail

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 60.9555, 54.9912, 78.6358 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 60.9555, 54.9912, 78.6358

Background



This preview shows how black text looks on a background with the XYZ color 60.9555, 54.9912, 78.6358.



This preview shows how white text looks on a background with the XYZ color 60.9555, 54.9912,

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

60.9555, 54.9912, 78.6358

Protanopia

54.5963, 55.1011, 84.1020

Deuteranopia

56.3072, 55.1459, 77.4885



Tritanopia

57.9462, 55.0206, 63.4431

Trichromacy



Original Color

60.9555, 54.9912, 78.6358

Protanomaly

56.6437, 54.9016, 81.7404

Deuteranomaly

58.0161, 55.0499, 78.0889

Tritanomaly

59.0106, 55.1431, 68.5063

Monochromacy



Original Color

60.9555, 54.9912, 78.6358

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.8128, 56.5969, 68.2515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9555, 54.9912, 78.6358 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(223, 183, 225)` looks like.

```
.text, #text, p{  
    color:rgb(223, 183, 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(223, 183, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 183, 225) }
```

Border

The CSS property to change the border of an element to XYZ 60.9555, 54.9912, 78.6358 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(223, 183, 225) }
```


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

```
.border{ border-color:rgb(223, 183, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 183, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 183, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 183, 225);  
box-shadow:4px 4px 4px 4px rgb(223, 183,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9555, 54.9912, 78.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 183, 225) }
```

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

```
.background{ background-color: rgb(223,  
183, 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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