

Converting Colors

XYZ(59.3487, 55.1462, 76.6062)

Have a look what the booklet for
XYZ(59.3487, 55.1462, 76.6062)
contains.

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Color

**XYZ(59.3590, 55.1435,
76.6224)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BADE
RGB	217, 186, 222
RGB Percent	85%, 73%, 87%
CMY	0.1490, 0.2706, 0.1294
CMYK	0.02, 0.16, 0.00, 0.13
HSL	292°, 35%, 80%
HSV	292°, 16%, 87%
XYZ	59.3590, 55.1435, 76.6224
YIQ	199.3730, 6.9200, 17.7680

Conversions

Conversions Part 2

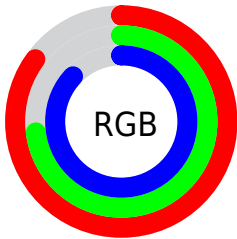
Format	Color
R _Y B	217, 186, 222
Decimal	14269150
CIE Lab	79.12, 17.37, -13.89
CIE LCh	79, 22.238, 321.355
Yxy	55.1435, 0.3106, 0.2885
Android (android.graphics.Color)	4292459230 (0xFFD9BADE)
YUV	199.3730, 11.1551, 15.4589
Hunter-Lab	74.2587, 12.7321, -9.1962

Details

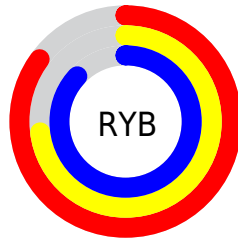
The XYZ color **59.3590, 55.1435, 76.6224** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.4721, 66.8655, 56.3871**, and the grayscale version is **54.4467, 57.2822, 62.3803**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **30.2629, 27.2465, 40.2233** is the 20% darker color. If you saturate the color by 10%, you get **54.1332, 46.0390, 75.1413**, and if you desaturate by 10%, it is **65.3318, 65.7148, 78.3489**.

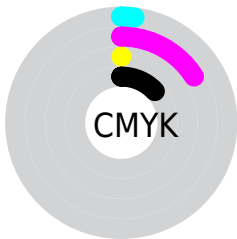
Distribution



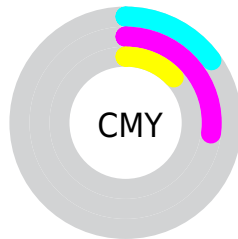
- Red (85%)
- Green (73%)
- Blue (87%)



- Red (85%)
- Yellow (73%)
- Blue (87%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3590, 55.1435, 76.6224 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 59.3590, 55.1435, 76.6224 by changing the saturation by 10% instead.

59.3590, 55.1435,
76.6224

59.3590, 55.1435,
76.6224

412.1037,
406.4557, 502.8791

43.1497, 39.5166,
56.4333

103.0109, 97.7512,
130.3745

30.1976, 27.1619,
40.1441

131.1842,
125.5008, 164.7745

20.1374, 17.6948,
27.3363

164.0761,
158.0600, 204.7486

12.6038, 10.7311,
17.5913

202.0521,
195.8134, 250.7153

7.2314, 5.8863,
10.4906

245.4775,
239.1453, 303.0932

3.6549, 2.7761,
5.6156

294.7177,

1.5088, 1.0160,

288.4400, 362.3007

2.5478

350.1380,
344.0820, 428.7565

■ 0.3318, 0.0000,
0.8653

■ 0.0000, 0.0000,
0.0000

■ 59.3590, 55.1435,
76.6224

■ 59.3590, 55.1435,
76.6224

■ 54.1332, 46.0390,
75.1413

■ 65.3318, 65.7148,
78.3489

■ 49.6159, 38.3271,
73.8908

■ 72.0780, 77.8082,
80.3276

■ 45.7726, 31.9380,
72.8602

■ 79.6289, 91.4851,
82.5695

■ 42.5639, 26.7932,
72.0363

■ 81.3652, 93.5072,
82.8683

39.9461, 22.8054,
71.4045

82.3598, 94.0200,
82.9149

37.8701, 19.8763,
70.9486

83.3720, 94.5418,
82.9622

36.2784, 17.8912,
70.6493

84.4018, 95.0727,
83.0104

35.0991, 16.7065,
70.4828

85.4494, 95.6127,
83.0595

34.7128, 16.3720,
70.4386

86.5149, 96.1620,
83.1093

Harmonies

Analogous

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



55.5794, 55.1435, 85.7822



59.3590, 55.1435, 76.6224



61.3035, 55.1435, 63.7885

Triad

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



59.3590, 55.1435, 76.6224



53.7046, 55.1435, 38.9879



44.8642, 55.1435, 69.3819

Complementary

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



59.3590, 55.1435, 76.6224



56.4721, 66.8655, 56.3871

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.



44.4251, 55.1435, 56.4449



59.3590, 55.1435, 76.6224



49.3678, 55.1435, 40.0467

Square

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



59.3590, 55.1435, 76.6224



57.9204, 55.1435, 42.9152



46.0298, 55.1435, 46.0445



47.2649, 55.1435, 81.2089

Rectangle

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



59.3590, 55.1435, 76.6224



61.2258, 55.1435, 55.3605



46.0298, 55.1435, 46.0445



44.4878, 55.1435, 64.9800

Sweetspot

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



59.3607, 55.1459, 76.6236



90.4681, 91.7989, 107.5585



52.1550, 53.1520, 76.6185



19.2307, 19.4112, 22.9831



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.



59.3607, 55.1459, 76.6236



79.0614, 71.6339, 104.2675



59.2430, 55.2731, 68.1295



14.0981, 13.8341, 17.3149



20.6892, 9.7610, 41.8420



1.4863, 0.7035, 2.9027

Inverse Universe

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



57.0890, 54.4115, 56.7865



75.4897, 70.4862, 72.7633



56.6353, 66.7880, 63.6983



13.7844, 13.7314, 14.6347



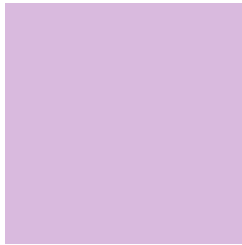
18.0627, 9.2921, 1.7298



1.2771, 0.6541, 0.2522

Previews

White Background



This preview shows how the XYZ color 59.3590, 55.1435, 76.6224 looks on a white background.

Color Contrast Check

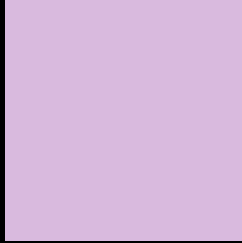
Large Text (above 18pt) WCAG AA × Fail

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 59.3590, 55.1435, 76.6224 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 59.3590, 55.1435, 76.6224

Background



This preview shows how black text looks on a background with the XYZ color 59.3590, 55.1435, 76.6224.



This preview shows how white text looks on a background with the XYZ color 59.3590, 55.1435,

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

59.3590, 55.1435, 76.6224

Protanopia

54.7539, 55.5788, 81.2407

Deuteranopia

56.3105, 55.1786, 76.0893



Tritanopia

56.8282, 55.0510, 64.7575

Trichromacy



Original Color

59.3590, 55.1435, 76.6224

Protanomaly

56.3965, 55.4696, 79.6858

Deuteranomaly

57.2612, 55.0255, 76.0096

Tritanomaly

57.7654, 55.1167, 69.2220

Monochromacy



Original Color

59.3590, 55.1435, 76.6224

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.0079, 56.2104, 66.9292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3590, 55.1435, 76.6224 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(217, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(217, 186, 222)  
}
```

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(217, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 186, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.3590, 55.1435, 76.6224 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(217, 186, 222) }
```


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

```
.border{ border-color:rgb(217, 186, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 186, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 186, 222);  
box-shadow:4px 4px 4px 4px rgb(217, 186,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3590, 55.1435, 76.6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 186, 222) }
```

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

```
.background{ background-color: rgb(217,  
186, 222) }
```

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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