

Converting Colors

XYZ(59.7615, 55.6255, 76.0949)

Have a look what the booklet for
XYZ(59.7615, 55.6255, 76.0949)
contains.

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Color

**XYZ(59.7349, 55.6665,
76.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	DABBDD
RGB	218, 187, 221
RGB Percent	85%, 73%, 87%
CMY	0.1451, 0.2666, 0.1333
CMYK	0.01, 0.15, 0.00, 0.13
HSL	295°, 33%, 80%
HSV	295°, 15%, 87%
XYZ	59.7349, 55.6665, 76.0030
YIQ	200.1450, 7.5620, 17.1460

Conversions

Conversions Part 2

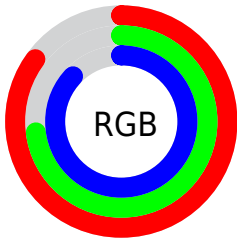
Format	Color
R_{YB}	218, 187, 221
Decimal	14334941
CIE _{Lab}	79.42, 16.98, -12.89
CIE _{LCh}	79, 21.316, 322.791
Yxy	55.6665, 0.3121, 0.2908
Android (android.graphics.Color)	4292525021 (0xFFDABBDD)
YUV	200.1450, 10.2815, 15.6588
Hunter-Lab	74.6100, 12.3448, -8.1700

Details

The XYZ color **59.7349, 55.6665, 76.0030** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.0633, 66.2494, 56.8490**, and the grayscale version is **54.9258, 57.7862, 62.9292**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **30.5123, 27.5899, 39.7936** is the 20% darker color. If you saturate the color by 10%, you get **54.8234, 46.7032, 74.5326**, and if you desaturate by 10%, it is **65.3781, 66.0811, 77.7166**.

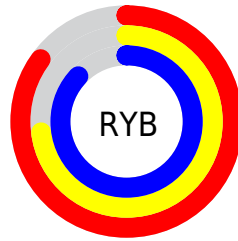
Distribution



Red (85%)

Green (73%)

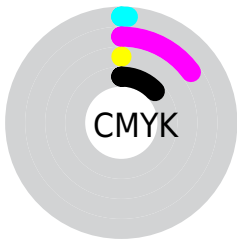
Blue (87%)



Red (85%)

Yellow (73%)

Blue (87%)

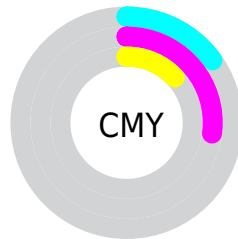


Cyan (1%)

Magenta (15%)

Yellow (0%)

Black (13%)



Cyan (15%)


Magenta (27%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7349, 55.6665, 76.0030 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 59.7349, 55.6665, 76.0030 by changing the saturation by 10% instead.


 59.7349, 55.6665,
76.0030

 59.7349, 55.6665,
76.0030


413.4703,
408.4335, 500.7051

 43.4536, 39.9356,
55.9283

 103.5535, 98.5168,
129.4913

 30.4373, 27.4883,
39.7418


131.8216,
126.4050, 163.7419

 20.3204, 17.9403,
27.0251

164.8160,
159.1144, 203.5550

 12.7378, 10.9071,
17.3594

202.9021,
197.0294, 249.3490

 7.3240, 6.0044,
10.3264

246.4453,
240.5344, 301.5424

 3.7137, 2.8478,
5.5075

295.8108,

 1.5415, 1.0528,

290.0138, 360.5539

2.4841

351.3640,
345.8521, 426.8019

■ 0.3538, 0.0000,
0.8317

■ 0.0000, 0.0000,
0.0000

■ 59.7349, 55.6665,
76.0030

■ 59.7349, 55.6665,
76.0030

■ 54.8234, 46.7032,
74.5326

■ 65.3781, 66.0811,
77.7166

■ 50.6056, 39.1182,
73.2909

■ 71.7788, 78.0013,
79.6801

■ 47.0479, 32.8431,
72.2671

■ 78.9676, 91.4876,
81.9043

■ 44.1114, 27.8006,
71.4486

■ 80.1132, 92.8772,
82.1122

41.7537, 23.9055,
70.8210

80.7275, 93.1939,
82.1409

39.9267, 21.0616,
70.3684

81.3488, 93.5142,
82.1700

38.5742, 19.1570,
70.0721

81.9771, 93.8381,
82.1994

37.6278, 18.0546,
69.9092

82.6125, 94.1657,
82.2291

37.2735, 17.7075,
69.8609

83.2548, 94.4968,
82.2592

Harmonies

Analogous

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



56.1602, 55.6665, 85.0280



59.7349, 55.6665, 76.0030



61.4970, 55.6665, 63.6159

Triad

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



59.7349, 55.6665, 76.0030



53.9483, 55.6665, 40.1146



45.6822, 55.6665, 70.2029

Complementary

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



59.7349, 55.6665, 76.0030



56.0633, 66.2494, 56.8490

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.



45.1608, 55.6665, 57.7029



59.7349, 55.6665, 76.0030



49.7864, 55.6665, 41.3832

Square

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



59.7349, 55.6665, 76.0030



58.0413, 55.6665, 43.7180



46.6246, 55.6665, 47.4521



48.0892, 55.6665, 81.3768

Rectangle

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



59.7349, 55.6665, 76.0030



61.3434, 55.6665, 55.5437



46.6246, 55.6665, 47.4521



45.2861, 55.6665, 65.9782

Sweetspot

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



59.7366, 55.6689, 76.0042



90.7039, 91.9204, 107.5696



52.0472, 52.7883, 75.8535



19.2882, 19.4409, 22.9858



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.



59.7366, 55.6689, 76.0042



80.6406, 73.3699, 104.5193



58.9023, 55.4398, 66.8864



13.4952, 13.2134, 16.4913



21.7018, 10.3118, 40.5850



1.4399, 0.6856, 2.6309

Inverse Universe

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



56.8853, 54.6330, 56.2649



76.0943, 71.7217, 72.8838



56.8475, 66.4774, 64.8493



13.1025, 13.0701, 13.8008



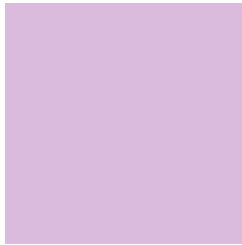
17.4106, 8.9653, 1.2761



1.1444, 0.5874, 0.1694

Previews

White Background



This preview shows how the XYZ color 59.7349, 55.6665, 76.0030 looks on a white background.

Color Contrast Check

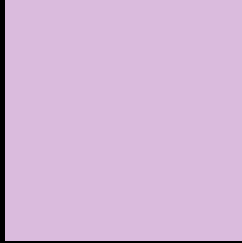
Large Text (above 18pt) WCAG AA × Fail

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 59.7349, 55.6665, 76.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

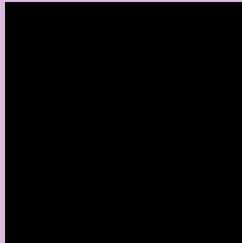
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7349, 55.6665, 76.0030

Background



This preview shows how black text looks on a background with the XYZ color 59.7349, 55.6665, 76.0030.



This preview shows how white text looks on a background with the XYZ color 59.7349, 55.6665,

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

59.7349, 55.6665, 76.0030

Protanopia

54.9808, 55.7277, 79.8102

Deuteranopia

56.9447, 55.8457, 75.4881



Tritanopia

57.7518, 55.8336, 65.4907

Trichromacy



Original Color

59.7349, 55.6665, 76.0030

Protanomaly

56.3916, 55.4986, 78.2612

Deuteranomaly

57.9101, 55.6959, 75.4083

Tritanomaly

58.5707, 55.8501, 69.3211

Monochromacy



Original Color

59.7349, 55.6665, 76.0030

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.6324, 56.8497, 67.6627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7349, 55.6665, 76.0030 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(218, 187, 221)` looks like.

```
.text, #text, p{  
    color:rgb(218, 187, 221)  
}
```

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(218, 187, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 187, 221) }
```

Border

The CSS property to change the border of an element to XYZ 59.7349, 55.6665, 76.0030 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(218, 187, 221) }
```


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

```
.border{ border-color:rgb(218, 187, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 187, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 187, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 187, 221);  
box-shadow:4px 4px 4px 4px rgb(218, 187,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7349, 55.6665, 76.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 187, 221) }
```

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

```
.background{ background-color: rgb(218,  
187, 221) }
```

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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