

Converting Colors

XYZ(60.3069, 54.1953, 79.5507)

Have a look what the booklet for
XYZ(60.3069, 54.1953, 79.5507)
contains.

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Color

**XYZ(60.2742, 54.3190,
79.2593)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB6E2
RGB	221, 182, 226
RGB Percent	87%, 71%, 89%
CMY	0.1333, 0.2863, 0.1137
CMYK	0.02, 0.19, 0.00, 0.11
HSL	293°, 43%, 80%
HSV	293°, 19%, 89%
XYZ	60.2742, 54.3190, 79.2593
YIQ	198.6770, 9.1200, 21.9520

Conversions

Conversions Part 2

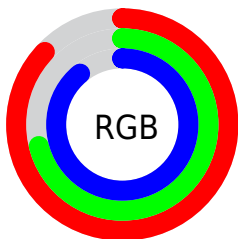
Format	Color
R _Y B	221, 182, 226
Decimal	14530274
CIE Lab	78.65, 21.61, -16.73
CIE LCh	79, 27.325, 322.256
Yxy	54.3190, 0.3109, 0.2802
Android (android.graphics.Color)	4292720354 (0xFFDDB6E2)
YUV	198.6770, 13.4702, 19.5773
Hunter-Lab	73.7014, 17.0027, -12.1701

Details

The XYZ color **60.2742, 54.3190, 79.2593** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.1352, 68.3362, 54.4902**, and the grayscale version is **54.0066, 56.8192, 61.8761**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **30.9268, 26.7478, 42.0609** is the 20% darker color. If you saturate the color by 10%, you get **55.2387, 45.3991, 77.8038**, and if you desaturate by 10%, it is **66.0718, 64.7436, 80.9667**.

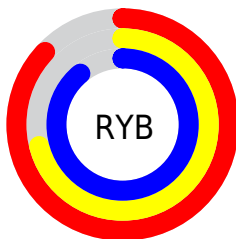
Distribution



Red (87%)

Green (71%)

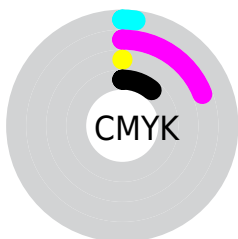
Blue (89%)



Red (87%)

Yellow (71%)

Blue (89%)

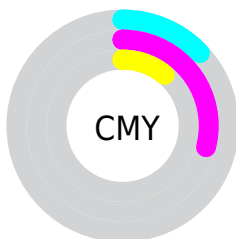


Cyan (2%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2742, 54.3190, 79.2593 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 60.2742, 54.3190, 79.2593 by changing the saturation by 10% instead.

60.2742, 54.3190,
79.2593

60.2742, 54.3190,
79.2593

415.4263,
403.3253, 512.0739

43.8900, 38.8568,
58.5864

104.3314, 96.5425,
134.1258

30.7816, 26.6483,
41.8625

132.7351,
124.0725, 169.1566

20.5836, 17.3093,
28.6689

165.8760,
156.3939, 209.8103

12.9307, 10.4552,
18.5870

204.1195,
193.8910, 256.5057

7.4575, 5.7018,
11.1985

247.8310,
236.9484, 309.6612

3.7987, 2.6646,
6.0847

297.3756,

1.5889, 0.9593,

285.9502, 369.6954

2.8270

353.1190,
341.2811, 437.0268

■ 0.3852, 0.0000,
1.0070

■ 0.0000, 0.0000,
0.0000

■ 60.2742, 54.3190,
79.2593

■ 60.2742, 54.3190,
79.2593

■ 55.2387, 45.3991,
77.8038

■ 66.0718, 64.7436,
80.9667

■ 50.9247, 37.9053,
76.5847

■ 72.6601, 76.7325,
82.9335

■ 47.2949, 31.7625,
75.5903

■ 80.0721, 90.3509,
85.1715

■ 44.3070, 26.8859,
74.8065

■ 82.5312, 94.0456,
85.7551

41.9137, 23.1811,
74.2176

83.3675, 94.4768,
85.7942

40.0612, 20.5404,
73.8055

84.2161, 94.9143,
85.8339

38.6856, 18.8362,
73.5491

85.0770, 95.3580,
85.8742

37.6822, 17.8595,
73.4134

85.9502, 95.8082,
85.9151

37.6325, 17.8145,
73.4074

86.8357, 96.2647,
85.9565

Harmonies

Analogous

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



55.6583, 54.3190, 91.1234



60.2742, 54.3190, 79.2593



62.6056, 54.3190, 63.2387

Triad

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



60.2742, 54.3190, 79.2593



53.0392, 54.3190, 34.3187



42.6101, 54.3190, 71.1258

Complementary

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



60.2742, 54.3190, 79.2593



56.1352, 68.3362, 54.4902

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.



42.0161, 54.3190, 55.2303



60.2742, 54.3190, 79.2593



47.7982, 54.3190, 35.6878

Square

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



60.2742, 54.3190, 79.2593



58.2430, 54.3190, 38.6237



43.8519, 54.3190, 42.7575



45.5349, 54.3190, 85.8864

Rectangle

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



60.2742, 54.3190, 79.2593



62.4444, 54.3190, 53.0587



43.8519, 54.3190, 42.7575



42.1398, 54.3190, 65.6780

Sweetspot

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



60.2759, 54.3213, 79.2605



89.7251, 90.2954, 107.3075



50.8197, 51.0359, 79.1247



19.0858, 19.1107, 22.9328



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.



60.2759, 54.3213, 79.2605



76.6994, 66.8758, 103.4736



59.6188, 54.2370, 67.7364



14.1336, 13.8524, 17.3165



21.5333, 10.1962, 41.8815



1.5368, 0.7295, 2.9051

Inverse Universe

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



57.0634, 53.2149, 54.2801



71.8402, 65.2104, 65.3095



56.7829, 68.4565, 64.1744



13.7703, 13.7257, 14.5603



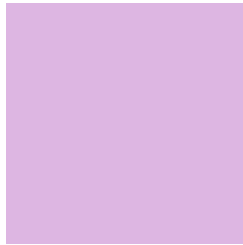
18.0194, 9.2748, 1.5020



1.2704, 0.6514, 0.2169

Previews

White Background



This preview shows how the XYZ color 60.2742, 54.3190, 79.2593 looks on a white background.

Color Contrast Check

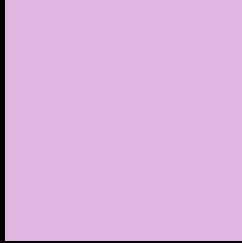
Large Text (above 18pt) WCAG AA × Fail

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 60.2742, 54.3190, 79.2593 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 60.2742, 54.3190, 79.2593

Background



This preview shows how black text looks on a background with the XYZ color 60.2742, 54.3190, 79.2593.



This preview shows how white text looks on a background with the XYZ color 60.2742, 54.3190,

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

60.2742, 54.3190, 79.2593

Protanopia

54.0276, 54.4622, 84.7555

Deuteranopia

55.6874, 54.4881, 78.1032



Tritanopia

56.7168, 54.0866, 62.7088

Trichromacy



Original Color

60.2742, 54.3190, 79.2593

Protanomaly

56.0337, 54.2505, 82.3810

Deuteranomaly

57.3734, 54.3868, 78.7080

Tritanomaly

57.8953, 54.2565, 68.3939

Monochromacy



Original Color

60.2742, 54.3190, 79.2593

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.3107, 56.0088, 68.1645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2742, 54.3190, 79.2593 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(221, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 182, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.2742, 54.3190, 79.2593 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(221, 182, 226) }
```


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

```
.border{ border-color:rgb(221, 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(221, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 182, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 182, 226);  
box-shadow:4px 4px 4px 4px rgb(221, 182,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2742, 54.3190, 79.2593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 182, 226) }
```

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

```
.background{ background-color: rgb(221,  
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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