

Converting Colors

XYZ(58.6476, 53.4298, 79.2876)

Have a look what the booklet for
XYZ(58.6476, 53.4298, 79.2876)
contains.

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Color

**XYZ(58.7743, 53.5458,
79.1891)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B6E2
RGB	216, 182, 226
RGB Percent	85%, 71%, 89%
CMY	0.1529, 0.2863, 0.1137
CMYK	0.04, 0.19, 0.00, 0.11
HSL	286°, 43%, 80%
HSV	286°, 19%, 89%
XYZ	58.7743, 53.5458, 79.1891
YIQ	197.1820, 6.1400, 20.8920

Conversions

Conversions Part 2

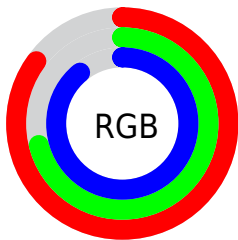
Format	Color
R _Y B	216, 182, 226
Decimal	14202594
CIE Lab	78.20, 19.96, -17.45
CIE LCh	78, 26.513, 318.835
Yxy	53.5458, 0.3069, 0.2796
Android (android.graphics.Color)	4292392674 (0xFFD8B6E2)
YUV	197.1820, 14.2073, 16.5034
Hunter-Lab	73.1750, 15.3153, -12.9404

Details

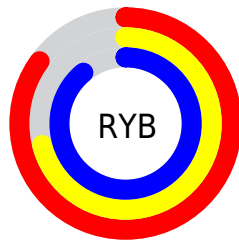
The XYZ color **58.7743, 53.5458, 79.1891** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.3799, 68.9779, 54.5484**, and the grayscale version is **53.0965, 55.8616, 60.8333**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **29.8989, 26.2179, 42.0128** is the 20% darker color. If you saturate the color by 10%, you get **53.0208, 44.2557, 77.7000**, and if you desaturate by 10%, it is **65.3254, 64.3588, 80.9317**.

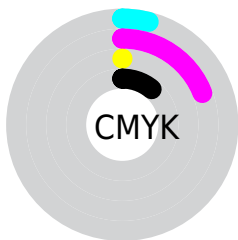
Distribution



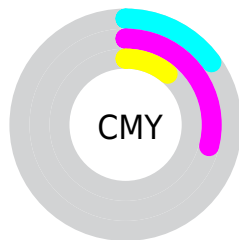
- Red (85%)
- Green (71%)
- Blue (89%)



- Red (85%)
- Yellow (71%)
- Blue (89%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7743, 53.5458, 79.1891 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 58.7743, 53.5458, 79.1891 by changing the saturation by 10% instead.

■ 58.7743, 53.5458,
79.1891

■ 58.7743, 53.5458,
79.1891

409.9725,
400.3756, 511.8303

■ 42.6771, 38.2387,
58.5291

■ 102.1661, 95.4070,
134.0261

■ 29.8253, 26.1680,
41.8166

130.1914,
122.7299, 169.0402

■ 19.8534, 16.9493,
28.6332

162.9234,
154.8268, 209.6760

■ 12.3962, 10.1984,
18.5604

200.7276,
192.0821, 256.3521

■ 7.0882, 5.5307,
11.1794

243.9692,
234.8803, 309.4871

■ 3.5642, 2.5619,
6.0720

293.0137,

■ 1.4586, 0.9075,

283.6057, 369.4994

2.8194

348.2263,
338.6426, 436.8076

■ 0.2974, 0.0000,
1.0032

■ 0.0000, 0.0000,
0.0000

■ 58.7743, 53.5458,
79.1891

■ 58.7743, 53.5458,
79.1891

■ 53.0208, 44.2557,
77.7000

■ 65.3254, 64.3588,
80.9317

■ 48.0238, 36.4099,
76.4489

■ 72.7031, 76.7546,
82.9355

■ 43.7459, 29.9329,
75.4242

■ 80.9406, 90.7987,
85.2121

■ 40.1441, 24.7398,
74.6117

■ 84.2619, 94.9378,
85.8360

■ 37.1710, 20.7361,
73.9956

■ 85.9973, 95.8325,
85.9173

■ 34.7721, 17.8138,
73.5580

■ 87.7822, 96.7526,
86.0008

■ 32.8833, 15.8451,
73.2775

■ 89.6171, 97.6985,
86.0867

■ 31.3995, 14.6207,
73.1194

■ 90.7276, 98.2710,
86.1386

■ 31.3252, 14.5629,
73.1122

Harmonies

Analogous

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



54.1807, 53.5458, 89.7174



58.7743, 53.5458, 79.1891



61.3151, 53.5458, 64.0080

Triad

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



58.7743, 53.5458, 79.1891



52.8488, 53.5458, 34.5362



42.0286, 53.5458, 68.0149

Complementary

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



58.7743, 53.5458, 79.1891



57.3799, 68.9779, 54.5484

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.



41.7256, 53.5458, 52.9461



58.7743, 53.5458, 79.1891



47.7423, 53.5458, 35.2382

Square

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



58.7743, 53.5458, 79.1891



57.7424, 53.5458, 39.3403



43.7510, 53.5458, 41.4547



44.6091, 53.5458, 82.5477

Rectangle

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



58.7743, 53.5458, 79.1891



61.3948, 53.5458, 54.0259



43.7510, 53.5458, 41.4547



41.6639, 53.5458, 62.7986

Sweetspot

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



58.7759, 53.5481, 79.1903



89.0941, 89.9701, 107.2779



51.9293, 53.2549, 79.4945



18.9363, 19.0336, 22.9258



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.



58.7759, 53.5481, 79.1903



74.3738, 65.6769, 103.3647



60.2653, 54.4956, 71.1408



13.9745, 13.7704, 17.3091



17.9784, 8.3635, 41.7151



1.3216, 0.6186, 2.8950

Inverse Universe

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



57.6082, 53.4328, 57.1489



72.6520, 65.5351, 69.5843



56.1973, 68.2222, 61.0906



13.8342, 13.7513, 14.8970



18.2760, 9.3774, 2.8533



1.3007, 0.6636, 0.3765

Previews

White Background



This preview shows how the XYZ color 58.7743, 53.5458, 79.1891 looks on a white background.

Color Contrast Check

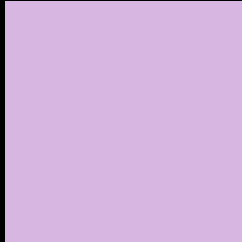
Large Text (above 18pt) WCAG AA × Fail

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 58.7743, 53.5458, 79.1891 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 58.7743, 53.5458, 79.1891

Background



This preview shows how black text looks on a background with the XYZ color 58.7743, 53.5458, 79.1891.



This preview shows how white text looks on a background with the XYZ color 58.7743, 53.5458,

79.1891.

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

58.7743, 53.5458, 79.1891

Protanopia

53.5652, 53.8968, 84.6707

Deuteranopia

54.8142, 53.7018, 78.7106



Tritanopia

55.2529, 53.3319, 62.6403

Trichromacy



Original Color

58.7743, 53.5458, 79.1891

Protanomaly

55.0311, 53.4154, 82.2727

Deuteranomaly

56.0514, 53.3914, 78.5855

Tritanomaly

56.4224, 53.4972, 68.3250

Monochromacy



Original Color

58.7743, 53.5458, 79.1891

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.1366, 55.0907, 67.4021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7743, 53.5458, 79.1891 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(216, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 182, 226) }
```

Border

The CSS property to change the border of an element to XYZ 58.7743, 53.5458, 79.1891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

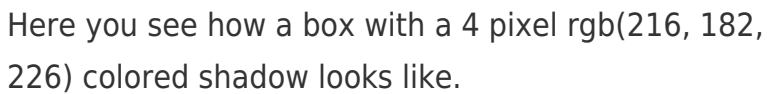
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 182, 226) }
```


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

```
.border{ border-color:rgb(216, 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(216, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 182, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 182, 226);  
box-shadow:4px 4px 4px 4px rgb(216, 182,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7743, 53.5458, 79.1891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 182, 226) }
```

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

```
.background{ background-color: rgb(216,  
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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