

Converting Colors

XYZ(60.6930, 54.8909, 77.8734)

Have a look what the booklet for
XYZ(60.6930, 54.8909, 77.8734)
contains.

XYZ(60.8195, 54.9368, 77.9193)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.8195, 54.9368,
77.9193)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB7E0
RGB	223, 183, 224
RGB Percent	87%, 72%, 88%
CMY	0.1255, 0.2823, 0.1216
CMYK	0.00, 0.18, 0.00, 0.12
HSL	299°, 40%, 80%
HSV	299°, 18%, 88%
XYZ	60.8195, 54.9368, 77.9193
YIQ	199.6340, 10.6790, 21.2310

Conversions

Conversions Part 2

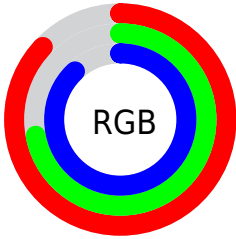
Format	Color
R_{YB}	223, 183, 224
Decimal	14661600
CIE _{Lab}	79.00, 21.36, -15.09
CIE _{LCh}	79, 26.152, 324.757
Yxy	54.9368, 0.3140, 0.2837
Android (android.graphics.Color)	4292851680 (0xFFDFB7E0)
YUV	199.6340, 12.0124, 20.4920
Hunter-Lab	74.1194, 16.7614, -10.4461

Details

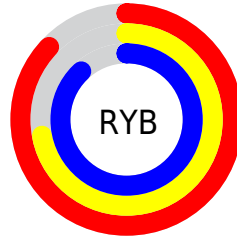
The XYZ color **60.8195, 54.9368, 77.9193** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **54.9720, 66.9219, 54.8224**, and the grayscale version is **54.6001, 57.4435, 62.5560**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **31.0804, 27.0453, 41.1183** is the 20% darker color. If you saturate the color by 10%, you get **56.3946, 46.3354, 76.4931**, and if you desaturate by 10%, it is **65.9835, 65.0138, 79.5930**.

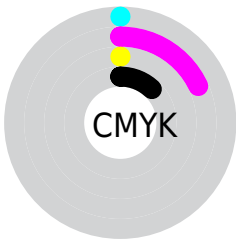
Distribution



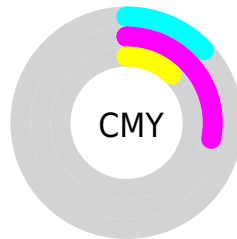
- Red (87%)
- Green (72%)
- Blue (88%)



- Red (87%)
- Yellow (72%)
- Blue (88%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8195, 54.9368, 77.9193 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 60.8195, 54.9368, 77.9193 by changing the saturation by 10% instead.

60.8195, 54.9368,
77.9193

60.8195, 54.9368,
77.9193

417.3984,
405.6723, 507.4134

44.3315, 39.3511,
57.4916

105.1171, 97.4484,
132.2212

31.1302, 27.0330,
40.9881

133.6575,
125.1430, 166.9325

20.8504, 17.5980,
27.9902

166.9460,
157.6428, 207.2421

13.1265, 10.6618,
18.0793

205.3480,
195.3321, 253.5685

7.5933, 5.8399,
10.8369

249.2289,
238.5953, 306.3303

3.8854, 2.7480,
5.8445

298.9540,

1.6375, 1.0016,

287.8168, 365.9460

2.6835

354.8887,
343.3810, 432.8342

■ 0.4167, 0.0000,
0.9351

■ 0.0000, 0.0000,
0.0000

■ 60.8195, 54.9368,
77.9193

■ 60.8195, 54.9368,
77.9193

■ 56.3946, 46.3354,
76.4931

■ 65.9835, 65.0138,
79.5930

■ 52.6691, 39.1330,
75.2992


■ 71.9141, 76.6239,
81.5214


■ 49.6071, 33.2569,
74.3264


■ 78.6434, 89.8306,
83.7159


■ 47.1678, 28.6253,
73.5610


■ 80.3241, 92.9393,
84.2273


 45.3056, 25.1469,
72.9878


 80.4948, 93.0274,
84.2353


 43.9686, 22.7183,
72.5895


 80.6661, 93.1156,
84.2433


 43.0959, 21.2176,
72.3458

 80.8379, 93.2042,
84.2514

 42.5990, 20.4676,
72.2272

 81.0102, 93.2931,
84.2595

 42.5299, 20.3707,
72.2121

 81.1831, 93.3822,
84.2675

Harmonies

Analogous

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



56.5181, 54.9368, 89.7881



60.8195, 54.9368, 77.9193



62.8247, 54.9368, 62.4734

Triad

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



60.8195, 54.9368, 77.9193



53.1353, 54.9368, 35.5821



43.6480, 54.9368, 72.6345

Complementary

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



60.8195, 54.9368, 77.9193



54.9720, 66.9219, 54.8224

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.



42.8739, 54.9368, 57.2366



60.8195, 54.9368, 77.9193



48.1376, 54.9368, 37.3895

Square

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



60.8195, 54.9368, 77.9193



58.2038, 54.9368, 39.3364



44.4643, 54.9368, 44.7606



46.6532, 54.9368, 86.3992

Rectangle

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



60.8195, 54.9368, 77.9193



62.4993, 54.9368, 52.8120



44.4643, 54.9368, 44.7606



43.1271, 54.9368, 67.4152

Sweetspot

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



60.8212, 54.9392, 77.9205



91.0023, 92.0743, 107.5835



50.2021, 49.8854, 77.5047



19.3611, 19.4784, 22.9892



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.



60.8212, 54.9392, 77.9205



79.1890, 69.0224, 103.7567



58.6791, 54.1180, 65.0282



14.2603, 13.9177, 17.3225



24.7703, 11.8649, 42.0330



1.7276, 0.8279, 2.9140

Inverse Universe

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



56.3275, 53.1774, 52.6454



72.0971, 66.2435, 63.7941



56.8624, 67.6505, 66.0228



13.7207, 13.7059, 14.2995



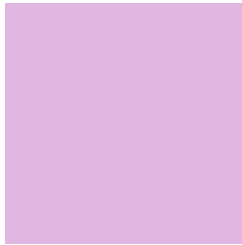
17.9167, 9.2337, 0.9611



1.2467, 0.6420, 0.0921

Previews

White Background



This preview shows how the XYZ color 60.8195, 54.9368, 77.9193 looks on a white background.

Color Contrast Check

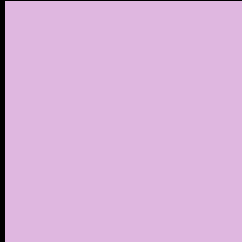
Large Text (above 18pt) WCAG AA × Fail

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 60.8195, 54.9368, 77.9193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

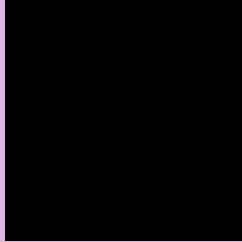
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8195, 54.9368, 77.9193

Background



This preview shows how black text looks on a background with the XYZ color 60.8195, 54.9368, 77.9193.



This preview shows how white text looks on a background with the XYZ color 60.8195, 54.9368,

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

60.8195, 54.9368, 77.9193

Protanopia

54.4546, 55.0445, 83.3559

Deuteranopia

56.1727, 55.0921, 76.7805



Tritanopia

57.9462, 55.0206, 63.4431

Trichromacy



Original Color

60.8195, 54.9368, 77.9193

Protanomaly

56.5044, 54.8459, 81.0070

Deuteranomaly

57.8808, 54.9958, 77.3766

Tritanomaly

59.0106, 55.1431, 68.5063

Monochromacy



Original Color

60.8195, 54.9368, 77.9193

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 60.8195, 54.9368, 77.9193 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(223, 183, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 183, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.8195, 54.9368, 77.9193 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, 224) }
```


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

```
.border{ border-color:rgb(223, 183, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 183, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 183, 224);  
box-shadow:4px 4px 4px 4px rgb(223, 183,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8195, 54.9368, 77.9193 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, 224) }
```

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

```
.background{ background-color: rgb(223,  
183, 224) }
```

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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