

Converting Colors

XYZ(60.6039, 53.7767, 77.9919)

Have a look what the booklet for
XYZ(60.6039, 53.7767, 77.9919)
contains.

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Color

**XYZ(60.5163, 53.8716,
77.7297)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B4E0
RGB	224, 180, 224
RGB Percent	88%, 71%, 88%
CMY	0.1216, 0.2941, 0.1216
CMYK	0.00, 0.20, 0.00, 0.12
HSL	300°, 42%, 79%
HSV	300°, 20%, 88%
XYZ	60.5163, 53.8716, 77.7297
YIQ	198.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

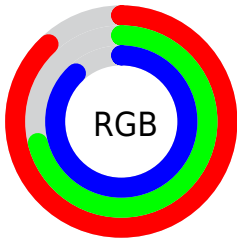
Format	Color
R _Y B	224, 180, 224
Decimal	14726368
CIE Lab	78.39, 23.31, -16.01
CIE LCh	78, 28.275, 325.510
Yxy	53.8716, 0.3150, 0.2804
Android (android.graphics.Color)	4292916448 (0xFFE0B4E0)
YUV	198.1720, 12.7332, 22.6512
Hunter-Lab	73.3973, 18.7286, -11.4116

Details

The XYZ color **60.5163, 53.8716, 77.7297** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **53.7184, 66.3116, 53.1511**, and the grayscale version is **53.7023, 56.4990, 61.5274**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **30.8993, 26.3681, 40.9971** is the 20% darker color. If you saturate the color by 10%, you get **56.3552, 45.5485, 76.3431**, and if you desaturate by 10%, it is **65.4114, 63.6609, 79.3622**.

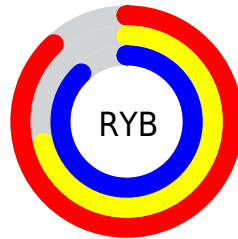
Distribution



Red (88%)

Green (71%)

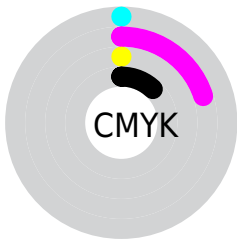
Blue (88%)



Red (88%)

Yellow (71%)

Blue (88%)

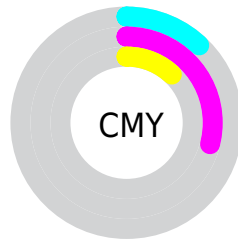


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (29%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5163, 53.8716, 77.7297 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 60.5163, 53.8716, 77.7297 by changing the saturation by 10% instead.

60.5163, 53.8716,
77.7297

60.5163, 53.8716,
77.7297

416.3025,
401.6202, 506.7520

44.0860, 38.4990,
57.3368

104.6804, 95.8857,
131.9514

30.9363, 26.3702,
40.8646

133.1448,
123.2960, 166.6173

20.7019, 17.1008,
27.8944

166.3513,
155.4877, 206.8780

13.0175, 10.3064,
18.0077

204.6653,
192.8451, 253.1520

7.5177, 5.6026,
10.7860

248.4520,
235.7526, 305.8579

3.8371, 2.6050,
5.8108

298.0769,

1.6104, 0.9292,

284.5948, 365.4141

2.6634

353.9053,
339.7558, 432.2393

0.3992, 0.0000,
0.9249

0.0000, 0.0000,
0.0000

60.5163, 53.8716,
77.7297

60.5163, 53.8716,
77.7297

56.3552, 45.5485,
76.3431

65.4114, 63.6609,
79.3622

52.8881, 38.6145,
75.1872

71.0684, 74.9747,
81.2481

50.0789, 32.9961,
74.2506

77.5194, 87.8767,
83.3986

47.8859, 28.6101,
73.5194

79.9558, 92.7495,
84.2109

46.2629, 25.3641,
72.9782

79.9559, 92.7495,
84.2111

45.1570, 23.1525,
72.6094

79.9559, 92.7495,
84.2113

44.5059, 21.8502,
72.3922

79.9560, 92.7495,
84.2115

44.2041, 21.2468,
72.2914

79.9560, 92.7496,
84.2118

44.1954, 21.2293,
72.2885

79.9560, 92.7496,
84.2120

Harmonies

Analogous

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



55.9401, 53.8716, 90.8043



60.5163, 53.8716, 77.7297



62.6009, 53.8716, 61.0833

Triad

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



60.5163, 53.8716, 77.7297



52.0437, 53.8716, 33.1510



42.1600, 53.8716, 72.8345

Complementary

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



60.5163, 53.8716, 77.7297



53.7184, 66.3116, 53.1511

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.



41.2807, 53.8716, 56.2958



60.5163, 53.8716, 77.7297



46.7418, 53.8716, 35.1638

Square

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



60.5163, 53.8716, 77.7297



57.4897, 53.8716, 36.8932



42.8985, 53.8716, 42.9912



45.3928, 53.8716, 87.6387

Rectangle

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



60.5163, 53.8716, 77.7297



62.1947, 53.8716, 50.8551



42.8985, 53.8716, 42.9912



41.5898, 53.8716, 67.2186

Sweetspot

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



60.5179, 53.8739, 77.7309



90.3618, 90.6237, 107.3371



48.6006, 47.7303, 77.1735



19.2368, 19.1886, 22.9398



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.



60.5179, 53.8739, 77.7309



78.5372, 66.9746, 103.3951



57.7243, 52.7565, 63.0198



14.2951, 13.9357, 17.3241



25.7245, 12.3568, 42.0765



1.7831, 0.8565, 2.9165

Inverse Universe

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



60.5179, 53.8739, 77.7309



78.5372, 66.9746, 103.3951



56.1407, 67.2805, 65.9067



14.2951, 13.9357, 17.3241



25.7245, 12.3568, 42.0765



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 60.5163, 53.8716, 77.7297 looks on a white background.

Color Contrast Check

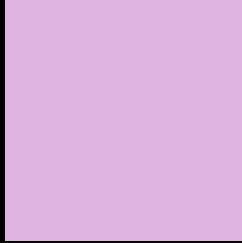
Large Text (above 18pt) WCAG AA × Fail

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 60.5163, 53.8716, 77.7297 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 60.5163, 53.8716, 77.7297

Background



This preview shows how black text looks on a background with the XYZ color 60.5163, 53.8716, 77.7297.



This preview shows how white text looks on a background with the XYZ color 60.5163, 53.8716,

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

60.5163, 53.8716, 77.7297

Protanopia

53.6648, 53.9646, 83.9317

Deuteranopia

55.2018, 53.9485, 76.6109



Tritanopia

56.9645, 53.6201, 61.3802

Trichromacy



Original Color

60.5163, 53.8716, 77.7297

Protanomaly

55.9455, 53.9029, 81.5844

Deuteranomaly

57.1727, 54.0008, 77.2219

Tritanomaly

58.1374, 53.7932, 66.9935

Monochromacy



Original Color

60.5163, 53.8716, 77.7297

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.6254, 55.0320, 66.7219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5163, 53.8716, 77.7297 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(224, 180, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 180, 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(224, 180, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 180, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.5163, 53.8716, 77.7297 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(224, 180, 224) }
```


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

```
.border{ border-color:rgb(224, 180, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 180, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 180, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 180, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 180,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5163, 53.8716, 77.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 180, 224) }
```

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

```
.background{ background-color: rgb(224,  
180, 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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