

Converting Colors

XYZ(61.8536, 53.3213, 83.2064)

Have a look what the booklet for
XYZ(61.8536, 53.3213, 83.2064)
contains.

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Color

**XYZ(61.7694, 53.2078,
83.3585)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B0E8
RGB	227, 176, 232
RGB Percent	89%, 69%, 91%
CMY	0.1098, 0.3098, 0.0902
CMYK	0.02, 0.24, 0.00, 0.09
HSL	295°, 55%, 80%
HSV	295°, 24%, 91%
XYZ	61.7694, 53.2078, 83.3585
YIQ	197.6330, 12.4200, 28.2280

Conversions

Conversions Part 2

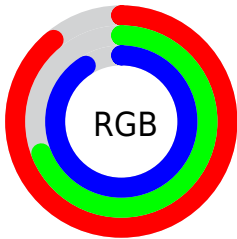
Format	Color
R _Y B	227, 176, 232
Decimal	14921960
CIE Lab	78.00, 27.93, -20.90
CIE LCh	78, 34.884, 323.198
Yxy	53.2078, 0.3114, 0.2683
Android (android.graphics.Color)	4293112040 (0xFFE3B0E8)
YUV	197.6330, 16.9429, 25.7549
Hunter-Lab	72.9437, 23.5041, -16.6948

Details

The XYZ color **61.7694, 53.2078, 83.3585** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.7511, 70.6730, 51.7798**, and the grayscale version is **53.3505, 56.1289, 61.1244**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **31.7140, 25.9584, 44.4133** is the 20% darker color. If you saturate the color by 10%, you get **56.9546, 44.5413, 81.9403**, and if you desaturate by 10%, it is **67.3727, 63.4377, 85.0385**.

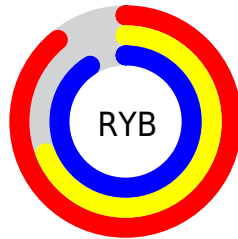
Distribution



Red (89%)

Green (69%)

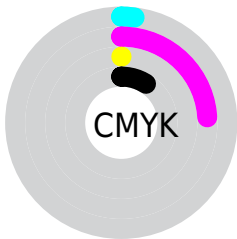
Blue (91%)



Red (89%)

Yellow (69%)

Blue (91%)

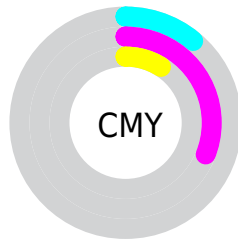


Cyan (2%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7694, 53.2078, 83.3585 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 61.7694, 53.2078, 83.3585 by changing the saturation by 10% instead.

61.7694, 53.2078,
83.3585

61.7694, 53.2078,
83.3585

420.8204,
399.0819, 526.1828

45.1013, 37.9687,
61.9436

106.4840, 94.9101,
139.9312

31.7388, 25.9584,
44.5516

135.2612,
122.1420, 175.9260

21.3167, 16.7925,
30.7640

168.8055,
154.1404, 217.6180

13.4695, 10.0867,
20.1623

207.4822,
191.2895, 265.4256

7.8318, 5.4565,
12.3278

251.6567,
233.9738, 319.7673

4.0384, 2.5175,
6.8421

301.6943,

1.7239, 0.8854,

282.5777, 381.0617

3.2866

357.9604,
337.4856, 449.7274

■ 0.4712, 0.0000,
1.2428

■ 0.0000, 0.0000,
0.0142

■ 61.7694, 53.2078,
83.3585

■ 61.7694, 53.2078,
83.3585

■ 56.9546, 44.5413,
81.9403

■ 67.3727, 63.4377,
85.0385

■ 52.8838, 37.3522,
80.7672

■ 73.7963, 75.2974,
86.9891

■ 49.5156, 31.5568,
79.8261

■ 81.0763, 88.8580,
89.2229

■ 46.8026, 27.0602,
79.1011

■ 84.6815, 95.0573,
90.2295

44.6915, 23.7558,
78.5746

85.3705, 95.4126,
90.2617

43.1203, 21.5198,
78.2258

86.0676, 95.7719,
90.2943

42.0137, 20.2016,
78.0297

86.7726, 96.1354,
90.3273

41.5120, 19.7176,
77.9627

87.4858, 96.5030,
90.3607

88.2069, 96.8748,
90.3945

Harmonies

Analogous

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



55.8944, 53.2078, 99.5711



61.7694, 53.2078, 83.3585



64.6835, 53.2078, 62.4787

Triad

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



61.7694, 53.2078, 83.3585



52.1353, 53.2078, 28.1612



39.4911, 53.2078, 73.9554

Complementary

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



61.7694, 53.2078, 83.3585



55.7511, 70.6730, 51.7798

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.



38.6791, 53.2078, 53.6156



61.7694, 53.2078, 83.3585



45.5994, 53.2078, 29.9031

Square

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



61.7694, 53.2078, 83.3585



58.8080, 53.2078, 32.8456



40.8176, 53.2078, 38.2893



43.1440, 53.2078, 93.3483

Rectangle

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



61.7694, 53.2078, 83.3585



64.3857, 53.2078, 49.8056



40.8176, 53.2078, 38.2893



38.8912, 53.2078, 66.9025

Sweetspot

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



61.7711, 53.2101, 83.3596



89.0337, 88.8343, 107.0619



49.1184, 48.3512, 83.0887



18.9511, 18.8185, 22.8835



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.



61.7711, 53.2101, 83.3596



73.4365, 60.3173, 102.3796



60.3888, 52.8420, 67.7303



14.8616, 14.5464, 18.1688



23.1011, 10.9749, 43.2840



1.7445, 0.8303, 3.2003

Inverse Universe

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



57.1464, 51.5451, 50.6558



66.8137, 57.9440, 55.0436



57.0023, 71.0404, 64.3783



14.4290, 14.3888, 15.1934



18.5681, 9.5615, 1.3546



1.3902, 0.7138, 0.1953

Previews

White Background



This preview shows how the XYZ color 61.7694, 53.2078, 83.3585 looks on a white background.

Color Contrast Check

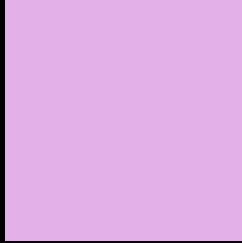
Large Text (above 18pt) WCAG AA × Fail

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 61.7694, 53.2078, 83.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

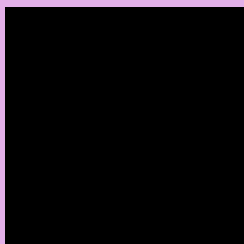
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7694, 53.2078, 83.3585

Background



This preview shows how black text looks on a background with the XYZ color 61.7694, 53.2078, 83.3585.



This preview shows how white text looks on a background with the XYZ color 61.7694, 53.2078,

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

61.7694, 53.2078, 83.3585

Protanopia

53.7139, 53.4962, 91.4992

Deuteranopia

54.7287, 53.5777, 82.3199



Tritanopia

56.9302, 53.0167, 60.0560

Trichromacy



Original Color

61.7694, 53.2078, 83.3585



Protanomaly

56.2802, 53.2966, 88.2099



Deuteranomaly

57.0179, 53.1723, 82.8594



Tritanomaly

58.6946, 53.1430, 68.1368

Monochromacy



Original Color

61.7694, 53.2078, 83.3585



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

56.3408, 55.0354, 68.6262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7694, 53.2078, 83.3585 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(227, 176, 232)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 232)  
}
```

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(227, 176, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 232) }
```

Border

The CSS property to change the border of an element to XYZ 61.7694, 53.2078, 83.3585 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(227, 176, 232) }
```


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

```
.border{ border-color:rgb(227, 176, 232) }
```

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

Here you see how a box with a 4 pixel rgb(227, 176, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 232);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7694, 53.2078, 83.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 232) }
```

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

```
.background{ background-color: rgb(227,  
176, 232) }
```

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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