

Converting Colors

XYZ(61.7688, 54.9806, 77.9424)

Have a look what the booklet for
XYZ(61.7688, 54.9806, 77.9424)
contains.

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Color

**XYZ(61.8610, 55.1686,
77.9092)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B6E0
RGB	227, 182, 224
RGB Percent	89%, 71%, 88%
CMY	0.1098, 0.2863, 0.1216
CMYK	0.00, 0.20, 0.01, 0.11
HSL	304°, 45%, 80%
HSV	304°, 20%, 89%
XYZ	61.8610, 55.1686, 77.9092
YIQ	200.2430, 13.3380, 22.6020

Conversions

Conversions Part 2

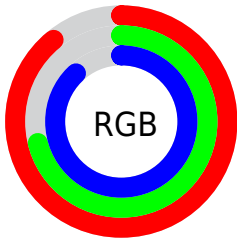
Format	Color
R _Y B	227, 182, 224
Decimal	14923488
CIE Lab	79.14, 23.23, -14.85
CIE LCh	79, 27.571, 327.404
Yxy	55.1686, 0.3173, 0.2830
Android (android.graphics.Color)	4293113568 (0xFFE3B6E0)
YUV	200.2430, 11.7122, 23.4659
Hunter-Lab	74.2756, 18.6829, -10.1976

Details

The XYZ color **61.8610, 55.1686, 77.9092** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.5196, 68.3876, 56.1758**, and the grayscale version is **54.9751, 57.8381, 62.9857**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **31.8063, 27.2230, 41.1143** is the 20% darker color. If you saturate the color by 10%, you get **57.3799, 46.5325, 75.4078**, and if you desaturate by 10%, it is **67.1008, 65.3173, 80.6737**.

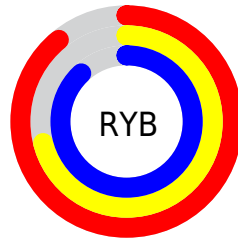
Distribution



Red (89%)

Green (71%)

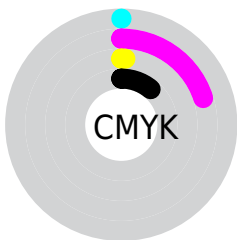
Blue (88%)



Red (89%)

Yellow (71%)

Blue (88%)

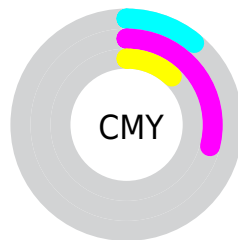


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (29%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8610, 55.1686, 77.9092 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 61.8610, 55.1686, 77.9092 by changing the saturation by 10% instead.

61.8610, 55.1686,
77.9092

61.8610, 55.1686,
77.9092

421.1495,
406.5507, 507.3782

45.1756, 39.5367,
57.4834

106.6157, 97.7879,
132.2068

31.7976, 27.1775,
40.9815

135.4156,
125.5442, 166.9157

21.3618, 17.7066,
27.9851

168.9845,
158.1107, 207.2227

13.5027, 10.7395,
18.0754

207.6876,
195.8718, 253.5463

7.8550, 5.8920,
10.8342

251.8903,
239.2120, 306.3052

4.0533, 2.7795,
5.8427

301.9579,

1.7323, 1.0177,

288.5156, 365.9177

2.6824

358.2559,
344.1671, 432.8025

■ 0.4764, 0.0000,
0.9346

■ 0.0000, 0.0000,
0.0000

■ 61.8610, 55.1686,
77.9092

■ 61.8610, 55.1686,
77.9092

■ 57.3799, 46.5325,
75.4078

■ 67.1008, 65.3173,
80.6737

■ 53.6162, 39.3294,
73.1540

■ 73.1281, 77.0389,
83.7092

■ 50.5325, 33.4830,
71.1357

■ 79.9763, 90.3995,
87.0273

■ 48.0855, 28.9075,
69.3387

■ 81.7296, 93.5674,
88.6563

46.2275, 25.5070,
67.7469

81.9432, 93.6528,
89.7811

44.9038, 23.1720,
66.3421

82.1587, 93.7390,
90.9156

44.0493, 21.7728,
65.1026

82.3760, 93.8259,
92.0599

43.5535, 21.0879,
63.9915

82.5952, 93.9136,
93.2141

43.5457, 21.0778,
63.9721

82.8162, 94.0020,
94.3780

Harmonies

Analogous

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



57.4563, 55.1686, 91.1730



61.8610, 55.1686, 77.9092



63.7273, 55.1686, 61.4516

Triad

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



61.8610, 55.1686, 77.9092



52.9166, 55.1686, 34.6065



43.5957, 55.1686, 75.1171

Complementary

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



61.8610, 55.1686, 77.9092



55.5196, 68.3876, 56.1758

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.



42.5642, 55.1686, 58.7077



61.8610, 55.1686, 77.9092



47.7172, 55.1686, 36.9911

Square

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



61.8610, 55.1686, 77.9092



58.3427, 55.1686, 37.9931



44.0207, 55.1686, 45.1844



46.9423, 55.1686, 89.3730

Rectangle

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



61.8610, 55.1686, 77.9092



63.1898, 55.1686, 51.4570



44.0207, 55.1686, 45.1844



42.9774, 55.1686, 69.5925

Sweetspot

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



61.8627, 55.1710, 77.9104



90.1980, 90.5582, 106.4746



50.6031, 49.3191, 79.5264



19.1980, 19.1731, 22.7351



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.



61.8627, 55.1710, 77.9104



77.8872, 66.7146, 99.9724



59.0099, 54.0299, 62.8880



14.9514, 14.5978, 17.9447



25.4130, 12.2994, 37.3996



1.8905, 0.9139, 2.8299

Inverse Universe

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



61.8627, 55.1710, 77.9104



77.8872, 66.7146, 99.9724



58.0862, 69.4142, 69.6912



14.9514, 14.5978, 17.9447



25.4130, 12.2994, 37.3996



1.8905, 0.9139, 2.8299

Previews

White Background



This preview shows how the XYZ color 61.8610, 55.1686, 77.9092 looks on a white background.

Color Contrast Check

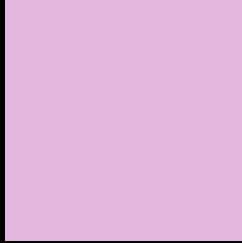
Large Text (above 18pt) WCAG AA × Fail

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 61.8610, 55.1686, 77.9092 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 61.8610, 55.1686, 77.9092

Background



This preview shows how black text looks on a background with the XYZ color 61.8610, 55.1686, 77.9092.



This preview shows how white text looks on a background with the XYZ color 61.8610, 55.1686,

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

61.8610, 55.1686, 77.9092

Protanopia

55.0669, 55.6752, 84.1880

Deuteranopia

56.4442, 55.2320, 76.7932



Tritanopia

58.8420, 55.1822, 62.8083

Trichromacy



Original Color

61.8610, 55.1686, 77.9092

Protanomaly

57.1849, 55.1806, 81.7657

Deuteranomaly

58.4539, 55.2912, 77.4035

Tritanomaly

59.9089, 55.3089, 67.8397

Monochromacy



Original Color

61.8610, 55.1686, 77.9092

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.1569, 56.4450, 68.2041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8610, 55.1686, 77.9092 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, 182, 224)` looks like.

```
.text, #text, p{  
    color:rgb(227, 182, 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(227, 182, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 182, 224) }
```

Border

The CSS property to change the border of an element to XYZ 61.8610, 55.1686, 77.9092 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, 182, 224) }
```


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

```
.border{ border-color:rgb(227, 182, 224) }
```

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

Here you see how a box with a 4 pixel rgb(227, 182, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 182, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 182, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 182,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8610, 55.1686, 77.9092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 182, 224) }
```

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

```
.background{ background-color: rgb(227,  
182, 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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