

Converting Colors

XYZ(61.9614, 55.5128, 77.6686)

Have a look what the booklet for
XYZ(61.9614, 55.5128, 77.6686)
contains.

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Color

**XYZ(62.0666, 55.5797,
77.9777)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B7E0
RGB	227, 183, 224
RGB Percent	89%, 72%, 88%
CMY	0.1098, 0.2823, 0.1216
CMYK	0.00, 0.19, 0.01, 0.11
HSL	304°, 44%, 80%
HSV	304°, 19%, 89%
XYZ	62.0666, 55.5797, 77.9777
YIQ	200.8300, 13.0630, 22.0790

Conversions

Conversions Part 2

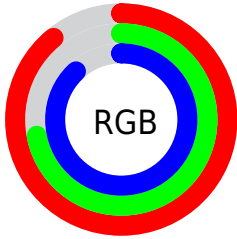
Format	Color
R _Y B	227, 183, 224
Decimal	14923744
CIE Lab	79.37, 22.69, -14.50
CIE LCh	79, 26.929, 327.424
Yxy	55.5797, 0.3173, 0.2841
Android (android.graphics.Color)	4293113824 (0xFFE3B7E0)
YUV	200.8300, 11.4228, 22.9511
Hunter-Lab	74.5518, 18.1410, -9.8283

Details

The XYZ color **62.0666, 55.5797, 77.9777** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.8627, 68.5523, 56.7451**, and the grayscale version is **55.3394, 58.2213, 63.4030**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **31.9387, 27.4878, 41.1584** is the 20% darker color. If you saturate the color by 10%, you get **57.5484, 46.8769, 75.4411**, and if you desaturate by 10%, it is **67.3451, 65.7983, 80.7785**.

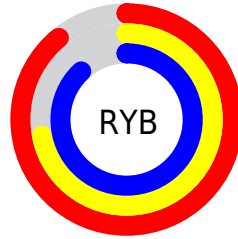
Distribution



Red (89%)

Green (72%)

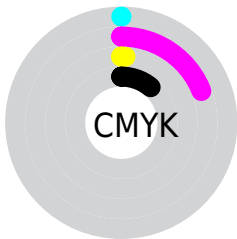
Blue (88%)



Red (89%)

Yellow (72%)

Blue (88%)

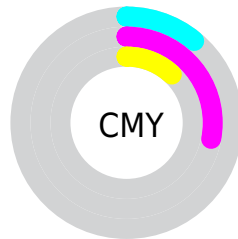


Cyan (0%)

Magenta (19%)

Yellow (1%)

Black (11%)



Cyan (11%)


Magenta (28%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0666, 55.5797, 77.9777 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 62.0666, 55.5797, 77.9777 by changing the saturation by 10% instead.


 62.0666, 55.5797,
77.9777

 62.0666, 55.5797,
77.9777


421.8877,
408.1056, 507.6170

 45.3423, 39.8660,
57.5393

 106.9112, 98.3898,
132.3043

 31.9296, 27.4341,
41.0262


135.7622,
126.2550, 167.0295

 21.4630, 17.8995,
28.0197


169.3861,
158.9395, 207.3542

 13.5772, 10.8779,
18.1013

208.1484,
196.8278, 253.6968

 7.9070, 5.9848,
10.8526

252.4143,
240.3041, 306.4758

 4.0868, 2.8358,
5.8549

302.5493,

 1.7513, 1.0466,

289.7529, 366.1098

2.6897

358.9186,
345.5586, 433.0174

■ 0.4881, 0.0000,
0.9382

■ 0.0000, 0.0000,
0.0000

■ 62.0666, 55.5797,
77.9777

■ 62.0666, 55.5797,
77.9777

■ 57.5484, 46.8769,
75.4411

■ 67.3451, 65.7983,
80.7785

■ 53.7494, 39.6103,
73.1530

■ 73.4127, 77.5927,
83.8510

■ 50.6321, 33.7042,
71.1015

■ 80.3026, 91.0289,
87.2072

■ 48.1538, 29.0729,
69.2724

■ 81.7491, 93.5752,
88.7585

46.2667, 25.6211,
67.6496

81.9678, 93.6626,
89.9099

44.9166, 23.2401,
66.2152

82.1884, 93.7509,
91.0716

44.0390, 21.8012,
64.9475

82.4109, 93.8399,
92.2435

43.5296, 21.0958,
63.8119

82.6354, 93.9297,
93.4257

43.5023, 21.0605,
63.7434

82.8618, 94.0203,
94.6181

Harmonies

Analogous

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



57.7538, 55.5797, 90.9288



62.0666, 55.5797, 77.9777



63.8910, 55.5797, 61.8632

Triad

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



62.0666, 55.5797, 77.9777



53.2949, 55.5797, 35.4098



44.1376, 55.5797, 75.2687

Complementary

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



62.0666, 55.5797, 77.9777



55.8627, 68.5523, 56.7451

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.



43.1199, 55.5797, 59.1902



62.0666, 55.5797, 77.9777



48.1884, 55.5797, 37.7770

Square

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



62.0666, 55.5797, 77.9777



58.6158, 55.5797, 38.7616



44.5528, 55.5797, 45.8789



47.4322, 55.5797, 89.1868

Rectangle

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



62.0666, 55.5797, 77.9777



63.3637, 55.5797, 52.0438



44.5528, 55.5797, 45.8789



43.5281, 55.5797, 69.8630

Sweetspot

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



62.0683, 55.5821, 77.9789



90.1943, 90.5567, 106.4549



51.0346, 49.8466, 79.6056



19.1971, 19.1727, 22.7305



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.



62.0683, 55.5821, 77.9789



78.4716, 67.8630, 100.2301



59.2826, 54.4678, 63.3095



14.9505, 14.5974, 17.9395



25.3880, 12.2894, 37.2680



1.8889, 0.9133, 2.8216

Inverse Universe

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



62.0683, 55.5821, 77.9789



78.4716, 67.8630, 100.2301



58.3765, 69.5578, 69.9827



14.9505, 14.5974, 17.9395



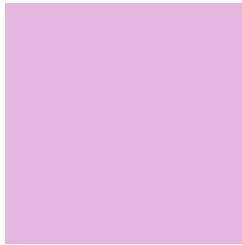
25.3880, 12.2894, 37.2680



1.8889, 0.9133, 2.8216

Previews

White Background



This preview shows how the XYZ color 62.0666, 55.5797, 77.9777 looks on a white background.

Color Contrast Check

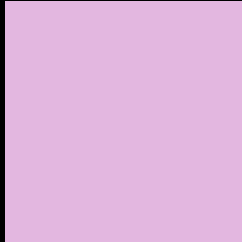
Large Text (above 18pt) WCAG AA × Fail

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 62.0666, 55.5797, 77.9777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

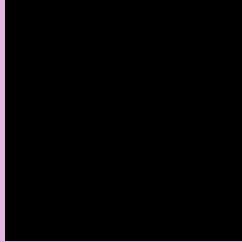
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0666, 55.5797, 77.9777

Background



This preview shows how black text looks on a background with the XYZ color 62.0666, 55.5797, 77.9777.



This preview shows how white text looks on a background with the XYZ color 62.0666, 55.5797,

77.9777.

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

62.0666, 55.5797, 77.9777

Protanopia

55.3158, 55.8036, 84.1996

Deuteranopia

56.9363, 55.8106, 76.8789



Tritanopia

59.1715, 55.6522, 63.5004

Trichromacy



Original Color

62.0666, 55.5797, 77.9777

Protanomaly

57.4023, 55.6153, 81.8381

Deuteranomaly

58.6683, 55.7200, 77.4749

Tritanomaly

60.2431, 55.7785, 68.5639

Monochromacy



Original Color

62.0666, 55.5797, 77.9777

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.3788, 56.8887, 68.2780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0666, 55.5797, 77.9777 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, 183, 224)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 183, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 183, 224) }
```

Border

The CSS property to change the border of an element to XYZ 62.0666, 55.5797, 77.9777 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, 183, 224) }
```


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

```
.border{ border-color:rgb(227, 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(227, 183, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 183, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 183, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 183,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0666, 55.5797, 77.9777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 183, 224) }
```

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

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