

# Converting Colors

XYZ(61.9618, 55.5126, 77.6684)

Have a look what the booklet for  
XYZ(61.9618, 55.5126, 77.6684)  
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

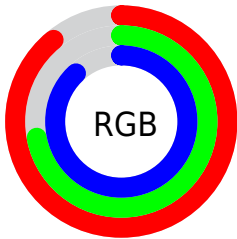
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 183, 224
Decimal	14923744
CIE Lab	79.37, 22.69, -14.50
CIE LCh	79, 26.929, 327.424
Yxy	55.5797, 0.3173, 0.2841
Android (android.graphics.Color)	4293113824 (0xFFE3B7E0)
YUV	200.8300, 11.4228, 22.9511
Hunter-Lab	74.5518, 18.1410, -9.8283

# Details

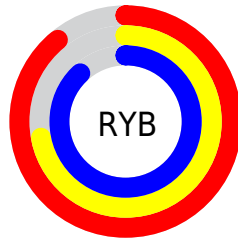
The XYZ color **62.0666, 55.5797, 77.9777** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.8627, 68.5523, 56.7451**, and the grayscale version is **55.3394, 58.2213, 63.4030**.

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**.

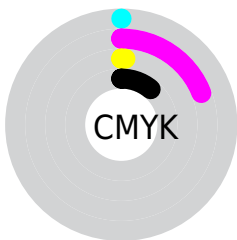
# Distribution



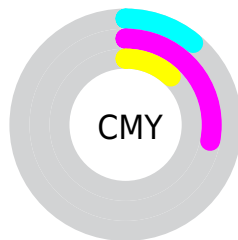
- Red (89%)
- Green (72%)
- Blue (88%)



- 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

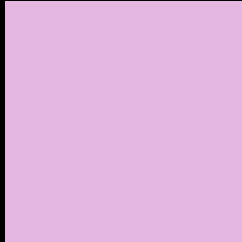
Any Text WCAG AA × Fail

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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