

# Converting Colors

XYZ(61.7667, 55.6666, 79.6506)

Have a look what the booklet for XYZ(61.7667, 55.6666, 79.6506) contains.

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# Color

**XYZ(61.6084, 55.6193,  
79.4400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0B8E2
RGB	224, 184, 226
RGB Percent	88%, 72%, 89%
CMY	0.1216, 0.2784, 0.1137
CMYK	0.01, 0.19, 0.00, 0.11
HSL	297°, 42%, 80%
HSV	297°, 19%, 89%
XYZ	61.6084, 55.6193, 79.4400
YIQ	200.7480, 10.3580, 21.5420

# Conversions

## Conversions Part 2

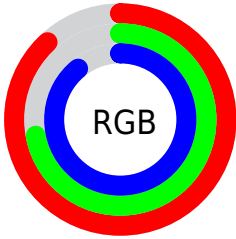
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">224, 184, 226</a>
Decimal	<a href="#">14727394</a>
CIELab	<a href="#">79.40, 21.52, -15.57</a>
CIElCh	<a href="#">79, 26.566, 324.117</a>
Yxy	<a href="#">55.6193, 0.3133, 0.2828</a>
Android (android.graphics.Color)	<a href="#">4292917474 (0xFFE0B8E2)</a>
YUV	<a href="#">200.7480, 12.4492, 20.3920</a>
Hunter-Lab	<a href="#">74.5783, 16.9449, -10.9502</a>

# Details

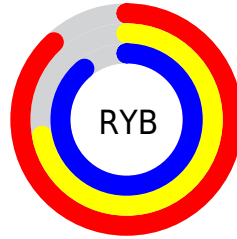
The XYZ color **61.6084, 55.6193, 79.4400** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.0999, 68.2940, 55.5756**, and the grayscale version is **55.2837, 58.1628, 63.3393**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **31.6154, 27.4977, 42.1694** is the 20% darker color. If you saturate the color by 10%, you get **56.9518, 46.7987, 77.9837**, and if you desaturate by 10%, it is **67.0205, 65.9457, 81.1488**.

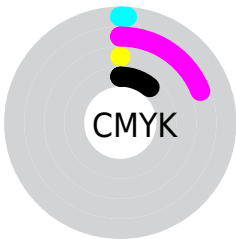
# Distribution



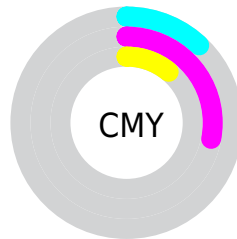
- Red (88%)
- Green (72%)
- Blue (89%)



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



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)




- Cyan (12%)
- Magenta (28%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6084, 55.6193, 79.4400 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 61.6084, 55.6193, 79.4400 by changing the saturation by 10% instead.





 61.6084, 55.6193,  
79.4400

 61.6084, 55.6193,  
79.4400


420.2416,  
408.2552, 512.7005

 44.9708, 39.8978,  
58.7342

 106.2525, 98.4477,  
134.3824

 31.6356, 27.4588,  
41.9806


134.9897,  
126.3234, 169.4560

 21.2375, 17.9181,  
28.7606

168.4907,  
159.0193, 210.1561

 13.4112, 10.8912,  
18.6558

207.1210,  
196.9198, 256.9010

 7.7912, 5.9937,  
11.2475

251.2458,  
240.4092, 310.1093

 4.0123, 2.8413,  
6.1173

301.2307,

 1.7091, 1.0494,

289.8720, 370.1997

2.8466

357.4408,  
345.6925, 437.5906

■ 0.4620, 0.0000,  
1.0169

■ 0.0000, 0.0000,  
0.0000

■ 61.6084, 55.6193,  
79.4400

■ 61.6084, 55.6193,  
79.4400

■ 56.9518, 46.7987,  
77.9837

■ 67.0205, 65.9457,  
81.1488

■ 53.0100, 39.4056,  
76.7645

■ 73.2161, 77.8371,  
83.1175

■ 49.7463, 33.3656,  
75.7706

■ 80.2281, 91.3581,  
85.3577

■ 47.1187, 28.5947,  
74.9882

■ 81.5798, 93.5552,  
85.7106

45.0804, 24.9994,  
74.4017

81.9229, 93.7320,  
85.7266

43.5785, 22.4734,  
73.9933

82.2681, 93.9100,  
85.7428

42.5500, 20.8915,  
73.7422

82.6155, 94.0891,  
85.7591

41.9019, 20.0670,  
73.6172

82.9650, 94.2693,  
85.7754

41.8222, 19.9743,  
73.6035

83.3167, 94.4506,  
85.7919

# Harmonies

## Analogous

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



57.1626, 55.6193, 91.4862



61.6084, 55.6193, 79.4400



63.7260, 55.6193, 63.6181

# Triad

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



61.6084, 55.6193, 79.4400



53.9218, 55.6193, 35.8084



44.0530, 55.6193, 73.3589

# Complementary

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



61.6084, 55.6193, 79.4400



56.0999, 68.2940, 55.5756

# 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.



43.3130, 55.6193, 57.6015



61.6084, 55.6193, 79.4400



48.7874, 55.6193, 37.5308

# Square

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



61.6084, 55.6193, 79.4400



59.1006, 55.6193, 39.7600



44.9897, 55.6193, 44.9367



47.0832, 55.6193, 87.5828



# Rectangle

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



61.6084, 55.6193, 79.4400



63.4371, 55.6193, 53.6811



44.9897, 55.6193, 44.9367



43.5371, 55.6193, 68.0027

# Sweetspot

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



61.6101, 55.6217, 79.4412



90.0943, 90.4858, 107.3248



51.0771, 50.8441, 79.0742



19.1734, 19.1559, 22.9369



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.



61.6101, 55.6217, 79.4412



78.7144, 68.7777, 103.7345



59.7811, 54.9621, 66.5555



14.2272, 13.9006, 17.3209



23.8888, 11.4105, 41.9917



1.6760, 0.8013, 2.9116



# Inverse Universe

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



57.3694, 53.9975, 53.8561



72.2504, 66.3048, 64.6016



57.7331, 68.8915, 66.6941



13.7336, 13.7111, 14.3671



17.9391, 9.2426, 1.0791

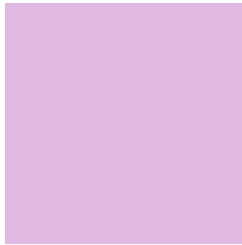


1.2529, 0.6444, 0.1246



# Previews

## White Background



This preview shows how the XYZ color 61.6084, 55.6193, 79.4400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

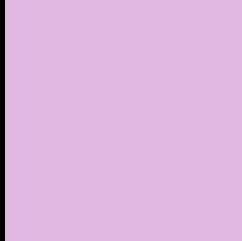
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.6084, 55.6193, 79.4400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

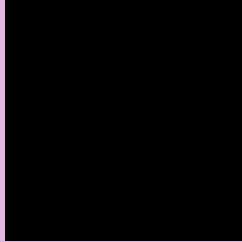
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 61.6084, 55.6193, 79.4400

## Background



This preview shows how black text looks on a background with the XYZ color 61.6084, 55.6193, 79.4400.



This preview shows how white text looks on a background with the XYZ color 61.6084, 55.6193,



# 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

61.6084, 55.6193, 79.4400

### Protanopia

55.2094, 55.7322, 84.9383

### Deuteranopia

56.9328, 55.7776, 78.2865



## Tritanopia

58.5815, 55.6504, 64.1539

# Trichromacy



## Original Color

61.6084, 55.6193, 79.4400

## Protanomaly

57.2709, 55.5313, 82.5630

## Deuteranomaly

58.6522, 55.6803, 78.8902

## Tritanomaly

59.6524, 55.7734, 69.2493

# Monochromacy



## Original Color

61.6084, 55.6193, 79.4400

## Achromatopsia

55.5167, 58.4078, 63.6061

## Achromatomaly

57.4425, 57.2387, 68.9934

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.6084, 55.6193, 79.4400 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, 184, 226)` looks like.

```
.text, #text, p{  
    color:rgb(224, 184, 226)  
}
```

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, 184, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 184, 226) }
```

## Border

The CSS property to change the border of an element to XYZ 61.6084, 55.6193, 79.4400 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, 184, 226) }
```



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

```
.border{ border-color:rgb(224, 184, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 184, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 184, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 184, 226);  
box-shadow:4px 4px 4px 4px rgb(224, 184,  
226) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.6084, 55.6193, 79.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 184, 226) }
```

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

```
.background{ background-color: rgb(224,  
184, 226) }
```

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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