

# Converting Colors

XYZ(61.2766, 55.5637, 77.8359)

Have a look what the booklet for  
XYZ(61.2766, 55.5637, 77.8359)  
contains.

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# Color

**XYZ(61.3355, 55.5101,  
78.0028)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0B8E0
RGB	224, 184, 224
RGB Percent	88%, 72%, 88%
CMY	0.1216, 0.2784, 0.1216
CMYK	0.00, 0.18, 0.00, 0.12
HSL	300°, 39%, 80%
HSV	300°, 18%, 88%
XYZ	61.3355, 55.5101, 78.0028
YIQ	200.5200, 11.0000, 20.9200

# Conversions

## Conversions Part 2

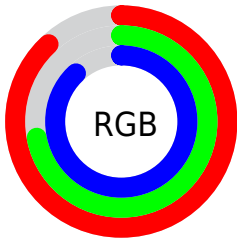
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">224, 184, 224</a>
Decimal	<a href="#">14727392</a>
CIELab	<a href="#">79.33, 21.15, -14.59</a>
CIELCh	<a href="#">79, 25.696, 325.411</a>
Yxy	<a href="#">55.5101, 0.3148, 0.2849</a>
Android (android.graphics.Color)	<a href="#">4292917472 (0xFFE0B8E0)</a>
YUV	<a href="#">200.5200, 11.5756, 20.5920</a>
Hunter-Lab	<a href="#">74.5051, 16.5642, -9.9198</a>

# Details

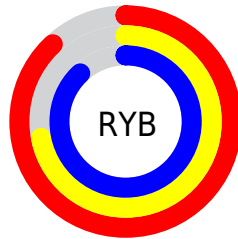
The XYZ color **61.3355, 55.5101, 78.0028** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.0767, 66.9640, 55.3729**, and the grayscale version is **55.1478, 58.0198, 63.1835**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **31.4262, 27.4220, 41.1728** is the 20% darker color. If you saturate the color by 10%, you get **57.0464, 46.9311, 76.5736**, and if you desaturate by 10%, it is **66.3646, 65.5674, 79.6799**.

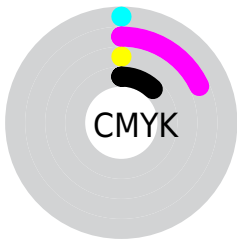
# Distribution



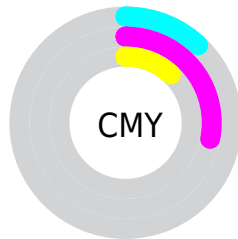
- Red (88%)
- Green (72%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3355, 55.5101, 78.0028 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 61.3355, 55.5101, 78.0028 by changing the saturation by 10% instead.



61.3355, 55.5101,  
78.0028

61.3355, 55.5101,  
78.0028

419.2593,  
407.8426, 507.7045

44.7496, 39.8103,  
57.5598

105.8599, 98.2879,  
132.3400

31.4606, 27.3906,  
41.0425

134.5291,  
126.1347, 167.0712

21.1034, 17.8668,  
28.0324

167.9568,  
158.7993, 207.4024

13.3125, 10.8544,  
18.1108

206.5082,  
196.6660, 253.7519

7.7226, 5.9690,  
10.8593

250.5489,  
240.1194, 306.5383

3.9682, 2.8263,  
5.8593

300.4440,

1.6842, 1.0417,

289.5436, 366.1802

2.6923

356.5591,  
345.3233, 433.0961

■ 0.4463, 0.0000,  
0.9396

■ 0.0000, 0.0000,  
0.0000

■ 61.3355, 55.5101,  
78.0028

■ 61.3355, 55.5101,  
78.0028

■ 57.0464, 46.9311,  
76.5736

■ 66.3646, 65.5674,  
79.6799

■ 53.4579, 39.7540,  
75.3774

■ 72.1612, 77.1604,  
81.6122

■ 50.5341, 33.9065,  
74.4027

■ 78.7571, 90.3523,  
83.8110

■ 48.2343, 29.3069,  
73.6359

■ 79.9557, 92.7494,  
84.2106

46.5132, 25.8647,  
73.0621

79.9557, 92.7494,  
84.2107

45.3192, 23.4769,  
72.6640

79.9557, 92.7495,  
84.2108

44.5921, 22.0226,  
72.4216

79.9558, 92.7495,  
84.2109

44.2476, 21.3336,  
72.3066

79.9558, 92.7495,  
84.2111

44.1954, 21.2293,  
72.2892

79.9558, 92.7495,  
84.2112

# Harmonies

## Analogous

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



57.1228, 55.5101, 89.8300



61.3355, 55.5101, 78.0028



63.2543, 55.5101, 62.7373

# Triad

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



61.3355, 55.5101, 78.0028



53.5565, 55.5101, 36.3602



44.3161, 55.5101, 73.4389

# Complementary

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



61.3355, 55.5101, 78.0028



55.0767, 66.9640, 55.3729

# 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.



43.4970, 55.5101, 58.2016



61.3355, 55.5101, 78.0028



48.6265, 55.5101, 38.2827

# Square

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



61.3355, 55.5101, 78.0028



58.5812, 55.5101, 39.9797



45.0248, 55.5101, 45.7354



47.3391, 55.5101, 86.9089



# Rectangle

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



61.3355, 55.5101, 78.0028



62.8891, 55.5101, 53.2169



45.0248, 55.5101, 45.7354



43.7826, 55.5101, 68.2911

# Sweetspot

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



61.3372, 55.5125, 78.0040



91.1166, 92.1332, 107.5888



50.3647, 49.8560, 77.4907



19.3889, 19.4928, 22.9905



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.



61.3372, 55.5125, 78.0040



80.2816, 70.4634, 103.9769



58.7819, 54.4904, 64.5484



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0770



1.7831, 0.8565, 2.9165



# Inverse Universe

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



61.3372, 55.5125, 78.0040



80.2816, 70.4634, 103.9769



57.3239, 67.8629, 67.2064



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0770



1.7831, 0.8565, 2.9165



# Previews

## White Background



This preview shows how the XYZ color 61.3355, 55.5101, 78.0028 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

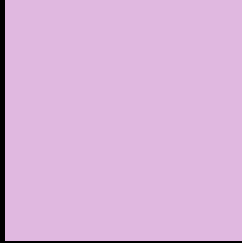
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.3355, 55.5101, 78.0028 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 61.3355, 55.5101, 78.0028**

## **Background**



This preview shows how black text looks on a background with the XYZ color 61.3355, 55.5101, 78.0028.



This preview shows how white text looks on a background with the XYZ color 61.3355, 55.5101,



# 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

61.3355, 55.5101, 78.0028

### Protanopia

55.1741, 55.7469, 83.4535

### Deuteranopia

57.0708, 55.8644, 77.5870



## Tritanopia

58.4627, 55.6029, 63.5282

# Trichromacy



## Original Color

61.3355, 55.5101, 78.0028

## Protanomaly

56.9915, 55.4196, 81.0921

## Deuteranomaly

58.3808, 55.5718, 77.4615

## Tritanomaly

59.5274, 55.7234, 68.5910

# Monochromacy



## Original Color

61.3355, 55.5101, 78.0028

## Achromatopsia

55.5167, 58.4078, 63.6061

## Achromatomaly

57.3182, 57.1890, 68.3392

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.3355, 55.5101, 78.0028 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 184, 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(224, 184, 224) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to XYZ 61.3355, 55.5101, 78.0028 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, 224) }
```



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

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

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, 224)` colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to XYZ 61.3355, 55.5101, 78.0028 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, 224) }
```

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

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