

# Converting Colors

XYZ(60.5452, 55.7666, 71.8049)

Have a look what the booklet for  
XYZ(60.5452, 55.7666, 71.8049)  
contains.

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# Color

**XYZ(60.5651, 55.8714,  
71.8821)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0BAD7
RGB	224, 186, 215
RGB Percent	88%, 73%, 84%
CMY	0.1216, 0.2706, 0.1569
CMYK	0.00, 0.17, 0.04, 0.12
HSL	314°, 38%, 80%
HSV	314°, 17%, 88%
XYZ	60.5651, 55.8714, 71.8821
YIQ	200.6680, 13.3390, 17.0750

# Conversions

## Conversions Part 2

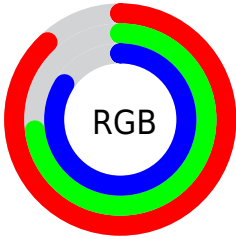
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 186, 215
Decimal	14727895
CIE Lab	79.54, 18.45, -9.42
CIE LCh	80, 20.715, 332.944
Yxy	55.8714, 0.3216, 0.2967
Android (android.graphics.Color)	4292917975 (0xFFE0BAD7)
YUV	200.6680, 7.0657, 20.4622
Hunter-Lab	74.7472, 13.8249, -4.6944

# Details

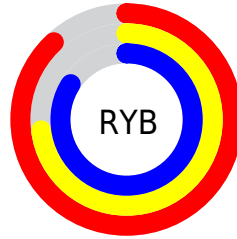
The XYZ color **60.5651, 55.8714, 71.8821** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.7579, 67.6921, 61.7073**, and the grayscale version is **55.2651, 58.1432, 63.3180**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **30.8811, 27.6380, 36.9648** is the 20% darker color. If you saturate the color by 10%, you get **55.5407, 46.8952, 66.8983**, and if you desaturate by 10%, it is **66.3547, 66.3407, 77.2313**.

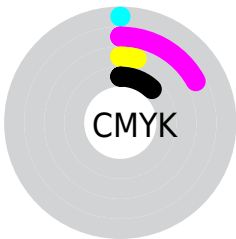
# Distribution



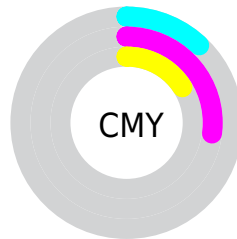
- Red (88%)
- Green (73%)
- Blue (84%)



- Red (88%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (12%)




- Cyan (12%)
- Magenta (27%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5651, 55.8714, 71.8821 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 60.5651, 55.8714, 71.8821 by changing the saturation by 10% instead.





 60.5651, 55.8714,  
71.8821

 60.5651, 55.8714,  
71.8821


416.4790,  
409.2067, 486.0976

 44.1255, 40.0998,  
52.5761


 104.7507, 98.8165,  
123.5951

 30.9675, 27.6164,  
37.0791


133.2273,  
126.7589, 156.8391

 20.7258, 18.0367,  
24.9725


166.4471,  
159.5269, 195.5663

 13.0350, 10.9763,  
15.8377

204.7752,  
197.5051, 240.1951

 7.5298, 6.0509,  
9.2563

248.5771,  
241.0777, 291.1441

 3.8449, 2.8761,  
4.8096

298.2181,

 1.6147, 1.0674,

290.6293, 348.8318

2.0792

354.0637,  
346.5441, 413.6768

■ 0.4020, 0.0000,  
0.6034

■ 0.0000, 0.0000,  
0.0000

■ 60.5651, 55.8714,  
71.8821

■ 60.5651, 55.8714,  
71.8821

■ 55.5407, 46.8952,  
66.8983

■ 66.3547, 66.3407,  
77.2313

■ 51.2418, 39.3361,  
62.2638

■ 72.9367, 78.3602,  
82.9542

■ 47.6330, 33.1221,  
57.9664

■ 80.3434, 91.9928,  
89.0630

■ 44.6734, 28.1723,  
53.9914

■ 81.6738, 93.4367,  
93.2585

■ 42.3180, 24.3969,  
50.3227

■ 82.4574, 93.7501,  
97.3848

■ 40.5158, 21.6941,  
46.9423

■ 83.2641, 94.0728,  
101.6327

■ 39.2071, 19.9450,  
43.8292

■ 84.0941, 94.4048,  
106.0034

■ 38.3145, 18.9951,  
40.9564

■ 84.5508, 94.5875,  
108.4086

■ 38.0861, 18.7856,  
40.1180

# Harmonies

## Analogous

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



57.5823, 55.8714, 82.1983



60.5651, 55.8714, 71.8821



61.5158, 55.8714, 59.6633

# Triad

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



60.5651, 55.8714, 71.8821



52.6936, 55.8714, 40.6725



46.6590, 55.8714, 74.1881

# Complementary

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



60.5651, 55.8714, 71.8821



56.7579, 67.6921, 61.7073

# 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.



45.4964, 55.8714, 62.0208



60.5651, 55.8714, 71.8821



48.8643, 55.8714, 43.5356

# Square

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



60.5651, 55.8714, 71.8821



56.8332, 55.8714, 42.5994



46.2825, 55.8714, 50.9810



49.5418, 55.8714, 83.6474



# Rectangle

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



60.5651, 55.8714, 71.8821



60.8308, 55.8714, 52.3192



46.2825, 55.8714, 50.9810



46.0611, 55.8714, 70.2269

# Sweetspot

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



60.5667, 55.8739, 71.8833



90.6341, 91.9402, 105.0481



53.4871, 52.0868, 77.7566



19.2713, 19.4457, 22.3710



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.



60.5667, 55.8739, 71.8833



78.9984, 70.9119, 94.2542



58.2803, 54.9593, 59.8431



14.1489, 13.8772, 16.5544



22.2153, 10.9531, 23.5975



1.5738, 0.7728, 1.8143



# Inverse Universe

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



60.5667, 55.8739, 71.8833



78.9984, 70.9119, 94.2542



59.0278, 68.6001, 73.6606



14.1489, 13.8772, 16.5544



22.2153, 10.9531, 23.5975



1.5738, 0.7728, 1.8143



# Previews

## White Background



This preview shows how the XYZ color 60.5651, 55.8714, 71.8821 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

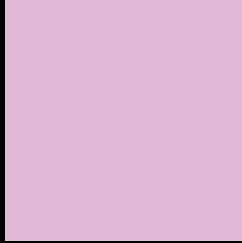
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.5651, 55.8714, 71.8821 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

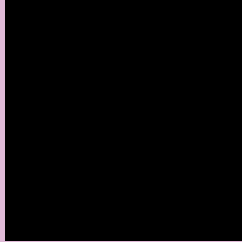
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.5651, 55.8714, 71.8821

## Background



This preview shows how black text looks on a background with the XYZ color 60.5651, 55.8714, 71.8821.



This preview shows how white text looks on a background with the XYZ color 60.5651, 55.8714,



# 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

60.5651, 55.8714, 71.8821

### Protanopia

55.0392, 56.1696, 76.3476

### Deuteranopia

57.2817, 56.1096, 71.4295



## Tritanopia

58.8869, 55.8078, 64.1682

# Trichromacy



## Original Color

60.5651, 55.8714, 71.8821

## Protanomaly

56.8127, 55.7929, 74.7926

## Deuteranomaly

58.2826, 55.9781, 71.3514

## Tritanomaly

59.4642, 55.7336, 66.6550

# Monochromacy



## Original Color

60.5651, 55.8714, 71.8821

## Achromatopsia

55.5167, 58.4078, 63.6061

## Achromatomaly

57.1750, 57.4914, 66.4760

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.5651, 55.8714, 71.8821 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, 186, 215)` looks like.

```
.text, #text, p{  
    color:rgb(224, 186, 215)  
}
```

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, 186, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 186, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 60.5651, 55.8714, 71.8821 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, 186, 215) }
```



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

```
.border{ border-color:rgb(224, 186, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 186, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 186, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 186, 215);  
box-shadow:4px 4px 4px 4px rgb(224, 186,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.5651, 55.8714, 71.8821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 186, 215) }
```

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

```
.background{ background-color: rgb(224,  
186, 215) }
```

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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