

Converting Colors

XYZ(60.7471, 55.2327, 66.8649)

Have a look what the booklet for
XYZ(60.7471, 55.2327, 66.8649)
contains.

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Color

**XYZ(60.6318, 55.0791,
67.1102)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B7D0
RGB	229, 183, 208
RGB Percent	90%, 72%, 82%
CMY	0.1020, 0.2823, 0.1843
CMYK	0.00, 0.20, 0.09, 0.10
HSL	327°, 47%, 81%
HSV	327°, 20%, 90%
XYZ	60.6318, 55.0791, 67.1102
YIQ	199.6040, 19.3910, 17.5270

Conversions

Conversions Part 2

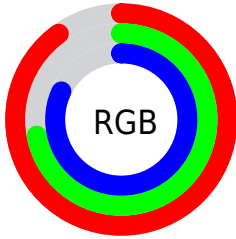
Format	Color
R _Y B	229, 183, 208
Decimal	15054800
CIE Lab	79.09, 20.56, -6.26
CIE LCh	79, 21.494, 343.061
Yxy	55.0791, 0.3316, 0.3013
Android (android.graphics.Color)	4293244880 (0xFFE5B7D0)
YUV	199.6040, 4.1392, 25.7803
Hunter-Lab	74.2153, 15.9527, -1.6631

Details

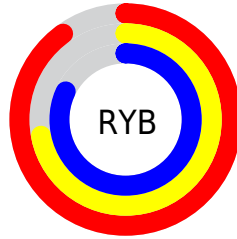
The XYZ color **60.6318, 55.0791, 67.1102** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.4491, 70.4671, 67.6511**, and the grayscale version is **54.6247, 57.4694, 62.5842**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **31.0489, 27.1826, 34.1822** is the 20% darker color. If you saturate the color by 10%, you get **55.0433, 45.8926, 59.1089**, and if you desaturate by 10%, it is **67.0768, 65.8413, 75.8166**.

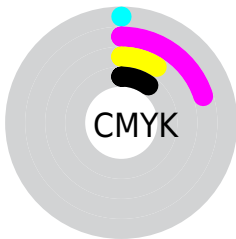
Distribution



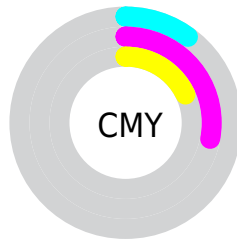
- Red (90%)
- Green (72%)
- Blue (82%)



- Red (90%)
- Yellow (72%)
- Blue (82%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (10%)





- Cyan (10%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6318, 55.0791, 67.1102 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 60.6318, 55.0791, 67.1102 by changing the saturation by 10% instead.


 60.6318, 55.0791,
67.1102

 60.6318, 55.0791,
67.1102


416.7202,
406.2117, 468.8491

 44.1795, 39.4651,
48.7120

 104.8468, 97.6568,
116.7204

 31.0102, 27.1217,
34.0271

133.3401,
125.3893, 148.7696

 20.7584, 17.6646,
22.6369


166.5779,
157.9301, 186.2062

 13.0590, 10.7095,
14.1229

204.9254,
195.6635, 229.4487

 7.5465, 5.8718,
8.0664

248.7481,
238.9740, 278.9157

 3.8555, 2.7673,
4.0491

298.4112,

 1.6207, 1.0115,

288.2459, 335.0258

1.6523

354.2801,
343.8637, 398.1974

■ 0.4058, 0.0000,
0.3278

■ 0.0000, 0.0000,
0.0000

■ 60.6318, 55.0791,
67.1102

■ 60.6318, 55.0791,
67.1102

■ 55.0433, 45.8926,
59.1089

■ 67.0768, 65.8413,
75.8166

■ 50.2677, 38.1997,
51.7884

■ 74.4096, 78.2416,
85.2446

■ 46.2647, 31.9216,
45.1276

■ 82.6659, 92.3481,
95.4141

■ 42.9887, 26.9696,
39.1028

■ 85.3010, 95.0692,
104.1511

■ 40.3887, 23.2448,
33.6883

■ 86.1235, 95.3982,
108.4822

■ 38.4067, 20.6341,
28.8555

■ 36.9741, 19.0034,
24.5722

■ 35.9799, 18.1248,
20.8196

Harmonies

Analogous

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



58.1783, 55.0791, 78.9094



60.6318, 55.0791, 67.1102



60.7911, 55.0791, 54.7977

Triad

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



60.6318, 55.0791, 67.1102



50.5118, 55.0791, 39.8037



46.5610, 55.0791, 77.5617

Complementary

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



60.6318, 55.0791, 67.1102



58.4491, 70.4671, 67.6511

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.



44.7307, 55.0791, 65.4617



60.6318, 55.0791, 67.1102



46.9265, 55.0791, 44.3358

Square

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



60.6318, 55.0791, 67.1102



54.7876, 55.0791, 40.1189



44.8608, 55.0791, 53.3584



49.9878, 55.0791, 85.4847

Rectangle

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



60.6318, 55.0791, 67.1102



59.5616, 55.0791, 48.0023



44.8608, 55.0791, 53.3584



45.7472, 55.0791, 73.7819

Sweetspot

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



60.6334, 55.0816, 67.1114



89.2574, 90.1819, 101.5213



55.8983, 52.3219, 81.2826



18.9752, 19.0840, 21.5622



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.



60.6334, 55.0816, 67.1114



74.3605, 65.3039, 81.4009



58.0373, 54.0431, 53.4405



14.7030, 14.4984, 16.6362



20.6329, 10.3874, 12.2276



1.5714, 0.7863, 1.1498

Inverse Universe

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



60.6334, 55.0816, 67.1114



74.3605, 65.3039, 81.4009



61.3733, 71.6368, 83.0497



14.7030, 14.4984, 16.6362



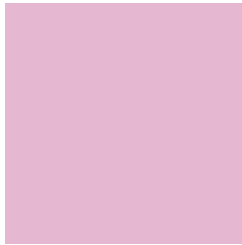
20.6329, 10.3874, 12.2276



1.5714, 0.7863, 1.1498

Previews

White Background



This preview shows how the XYZ color 60.6318, 55.0791, 67.1102 looks on a white background.

Color Contrast Check

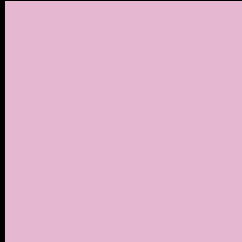
Large Text (above 18pt) WCAG AA × Fail

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 60.6318, 55.0791, 67.1102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

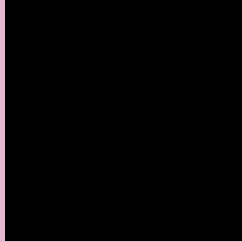
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6318, 55.0791, 67.1102

Background



This preview shows how black text looks on a background with the XYZ color 60.6318, 55.0791, 67.1102.



This preview shows how white text looks on a background with the XYZ color 60.6318, 55.0791,

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

60.6318, 55.0791, 67.1102

Protanopia

54.0290, 55.4058, 72.1367

Deuteranopia

56.2543, 55.0335, 66.6891



Tritanopia

59.6527, 55.3154, 61.5657

Trichromacy



Original Color

60.6318, 55.0791, 67.1102

Protanomaly

56.2466, 55.2805, 69.9930

Deuteranomaly

57.6481, 54.7974, 66.5700

Tritanomaly

59.7961, 55.0392, 63.3492

Monochromacy



Original Color

60.6318, 55.0791, 67.1102

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.9352, 56.7443, 64.4518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6318, 55.0791, 67.1102 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(229, 183, 208)` looks like.

```
.text, #text, p{  
    color:rgb(229, 183, 208)  
}
```

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(229, 183, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 183, 208) }
```

Border

The CSS property to change the border of an element to XYZ 60.6318, 55.0791, 67.1102 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(229, 183, 208) }
```


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

```
.border{ border-color:rgb(229, 183, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 183, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 183, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 183, 208); box-shadow:4px 4px 4px 4px rgb(229, 183, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6318, 55.0791, 67.1102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 183, 208) }
```

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

```
.background{ background-color: rgb(229,  
183, 208) }
```

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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