

Converting Colors

XYZ(60.1735, 55.3011, 60.3260)

Have a look what the booklet for
XYZ(60.1735, 55.3011, 60.3260)
contains.

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Color

**XYZ(60.1735, 55.3011,
60.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B8C5
RGB	231, 184, 197
RGB Percent	91%, 72%, 77%
CMY	0.0941, 0.2784, 0.2274
CMYK	0.00, 0.20, 0.15, 0.09
HSL	343°, 49%, 81%
HSV	343°, 20%, 91%
XYZ	60.1735, 55.3011, 60.3260
YIQ	199.5350, 23.8390, 14.0070

Conversions

Conversions Part 2

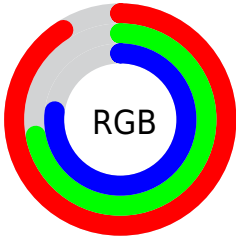
Format	Color
R _Y B	231, 184, 197
Decimal	15186117
CIE Lab	79.21, 18.92, -0.10
CIE LCh	79, 18.924, 359.691
Yxy	55.3011, 0.3423, 0.3146
Android (android.graphics.Color)	4293376197 (0xFFE7B8C5)
YUV	199.5350, -1.2498, 27.5948
Hunter-Lab	74.3647, 14.2981, 3.9582

Details

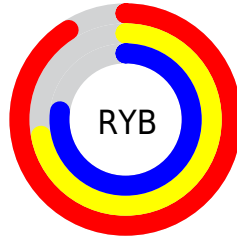
The XYZ color **60.1735, 55.3011, 60.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.0002, 72.4055, 77.0937**, and the grayscale version is **54.6123, 57.4564, 62.5701**.

A 20% lighter version of the original color is **90.2895, 90.7359, 106.5210**, and **30.7534, 27.3297, 29.6409** is the 20% darker color. If you saturate the color by 10%, you get **53.9513, 45.7528, 49.3222**, and if you desaturate by 10%, it is **67.3947, 66.5063, 72.7115**.

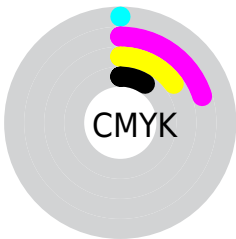
Distribution



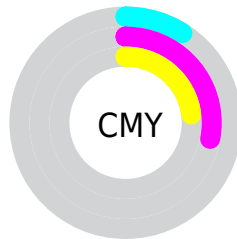
- Red (91%)
- Green (72%)
- Blue (77%)



- Red (91%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1735, 55.3011, 60.3260 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 60.1735, 55.3011, 60.3260 by changing the saturation by 10% instead.


 60.1735, 55.3011,
60.3260

 60.1735, 55.3011,
60.3260


415.0615,
407.0523, 443.6363

 43.8085, 39.6428,
43.2544


 104.1862, 97.9820,
106.8504

 30.7172, 27.2602,
29.7519


132.5646,
125.7734, 137.1404

 20.5344, 17.7687,
19.3999


165.6783,
158.3780, 172.6735

 12.8946, 10.7841,
11.7799


203.8924,
196.1801, 213.8684

 7.4325, 5.9218,
6.4733

247.5724,
239.5642, 261.1436

 3.7828, 2.7976,
3.0615

297.0837,

 1.5800, 1.0270,

288.9147, 314.9176

1.1261

352.7916,
344.6159, 375.6090

■ 0.3793, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1735, 55.3011,
60.3260

■ 60.1735, 55.3011,
60.3260

■ 53.9513, 45.7528,
49.3222

■ 67.3947, 66.5063,
72.7115

■ 48.6785, 37.7753,
39.6477

■ 75.6521, 79.4343,
86.5217

■ 44.3083, 31.2857,
31.2516

■ 84.9869, 94.1567,
101.8019

■ 40.7878, 26.1909,
24.0784

■ 86.7652, 95.7290,
108.5123

■ 38.0585, 22.3869,
18.0683

■ 36.0542, 19.7549,
13.1558

■ 34.6966, 18.1540,
9.2679

■ 33.8772, 17.3578,
6.3974

Harmonies

Analogous

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



59.0925, 55.3011, 71.3460



60.1735, 55.3011, 60.3260



59.1350, 55.3011, 50.4768

Triad

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



60.1735, 55.3011, 60.3260



49.0421, 55.3011, 43.8746



48.9773, 55.3011, 80.0397

Complementary

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



60.1735, 55.3011, 60.3260



61.0002, 72.4055, 77.0937

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.



46.4952, 55.3011, 71.1281



60.1735, 55.3011, 60.3260



46.5313, 55.3011, 50.3038

Square

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



60.1735, 55.3011, 60.3260



52.6013, 55.3011, 41.6980



45.6211, 55.3011, 60.1011



52.5228, 55.3011, 83.5299

Rectangle

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



60.1735, 55.3011, 60.3260



57.4076, 55.3011, 45.6889



45.6211, 55.3011, 60.1011



47.9972, 55.3011, 77.5299

Sweetspot

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



60.1751, 55.3036, 60.3272



88.6305, 89.9311, 98.2201



60.3850, 54.9098, 83.0179



18.8272, 19.0248, 20.7828



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.



60.1751, 55.3036, 60.3272



72.2106, 64.4439, 70.0796



60.9412, 59.1172, 53.5493



14.5399, 14.4332, 15.7777



19.0371, 9.7490, 3.8242



1.4452, 0.7358, 0.4850

Inverse Universe

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



60.1751, 55.3036, 60.3272



72.2106, 64.4439, 70.0796



60.0009, 67.5777, 85.4833



14.5399, 14.4332, 15.7777



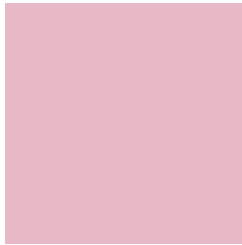
19.0371, 9.7490, 3.8242



1.4452, 0.7358, 0.4850

Previews

White Background



This preview shows how the XYZ color 60.1735, 55.3011, 60.3260 looks on a white background.

Color Contrast Check

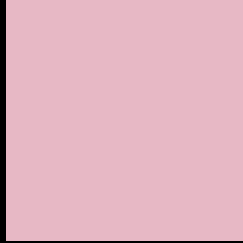
Large Text (above 18pt) WCAG AA × Fail

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 60.1735, 55.3011, 60.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

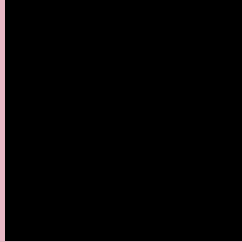
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1735, 55.3011, 60.3260

Background



This preview shows how black text looks on a background with the XYZ color 60.1735, 55.3011, 60.3260.



This preview shows how white text looks on a background with the XYZ color 60.1735, 55.3011,

60.3260.

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

60.1735, 55.3011, 60.3260

Protanopia

53.7029, 55.3956, 64.9887

Deuteranopia

56.4016, 55.2595, 59.9180



Tritanopia

60.2885, 55.3471, 60.9316

Trichromacy



Original Color

60.1735, 55.3011, 60.3260

Protanomaly

55.7518, 55.1803, 62.9708

Deuteranomaly

57.7658, 55.3241, 59.8586

Tritanomaly

60.2885, 55.3471, 60.9316

Monochromacy



Original Color

60.1735, 55.3011, 60.3260

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.4646, 56.5560, 61.9732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1735, 55.3011, 60.3260 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(231, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(231, 184, 197)  
}
```

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(231, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 184, 197) }
```

Border

The CSS property to change the border of an element to XYZ 60.1735, 55.3011, 60.3260 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(231, 184, 197) }
```


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

```
.border{ border-color:rgb(231, 184, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 184, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 184, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 184, 197);  
box-shadow:4px 4px 4px 4px rgb(231, 184,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1735, 55.3011, 60.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 184, 197) }
```

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

```
.background{ background-color: rgb(231,  
184, 197) }
```

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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