

Converting Colors

XYZ(60.3789, 53.3491, 63.3454)

Have a look what the booklet for
XYZ(60.3789, 53.3491, 63.3454)
contains.

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Color

**XYZ(60.4333, 53.2485,
63.5927)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB1CB
RGB	234, 177, 203
RGB Percent	92%, 69%, 80%
CMY	0.0823, 0.3059, 0.2039
CMYK	0.00, 0.24, 0.13, 0.08
HSL	333°, 58%, 81%
HSV	333°, 24%, 92%
XYZ	60.4333, 53.2485, 63.5927
YIQ	197.0070, 25.6260, 20.1700

Conversions

Conversions Part 2

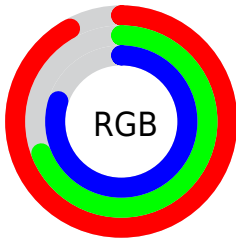
Format	Color
R _Y B	234, 177, 203
Decimal	15380939
CIE Lab	78.02, 24.68, -5.07
CIE LCh	78, 25.199, 348.388
Yxy	53.2485, 0.3409, 0.3004
Android (android.graphics.Color)	4293571019 (0xFFEAB1CB)
YUV	197.0070, 2.9545, 32.4429
Hunter-Lab	72.9716, 20.1292, -0.5895

Details

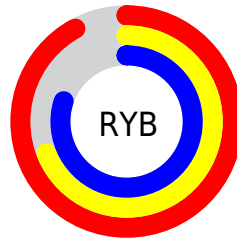
The XYZ color **60.4333, 53.2485, 63.5927** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.9416, 72.7482, 70.6132**, and the grayscale version is **53.0483, 55.8110, 60.7782**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **30.9926, 26.0502, 31.8285** is the 20% darker color. If you saturate the color by 10%, you get **54.7468, 44.2034, 54.5189**, and if you desaturate by 10%, it is **67.0399, 63.9331, 73.5888**.

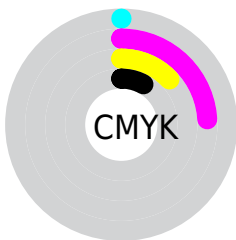
Distribution



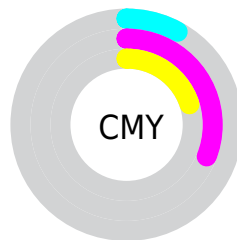
- Red (92%)
- Green (69%)
- Blue (80%)



- Red (92%)
- Yellow (69%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (8%)



- Cyan (8%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4333, 53.2485, 63.5927 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 60.4333, 53.2485, 63.5927 by changing the saturation by 10% instead.

60.4333, 53.2485,
63.5927

60.4333, 53.2485,
63.5927

416.0023,
399.2378, 455.8843

44.0188, 38.0012,
45.8768

104.5607, 94.9699,
111.6180

30.8832, 25.9836,
31.8006

133.0044,
122.2128, 142.7644

20.6613, 16.8114,
20.9457

166.1884,
154.2231, 179.2248

12.9877, 10.1001,
12.8935

204.4782,
191.3850, 221.4176

7.4970, 5.4654,
7.2254

248.2392,
234.0831, 269.7614

3.8239, 2.5228,
3.5229

297.8366,

1.6030, 0.8880,

282.7016, 324.6748

1.3674

353.6358,
337.6250, 386.5763

■ 0.3944, 0.0000,
0.1161

■ 0.0000, 0.0000,
0.0000

■ 60.4333, 53.2485,
63.5927

■ 60.4333, 53.2485,
63.5927

■ 54.7468, 44.2034,
54.5189

■ 67.0399, 63.9331,
73.5888

■ 49.9324, 36.7087,
46.3349

■ 74.6024, 76.3263,
84.5314

■ 45.9445, 30.6774,
39.0109

■ 83.1603, 90.5019,
96.4481

■ 42.7313, 26.0113,
32.5137

■ 87.5670, 96.1626,
107.6366

■ 40.2350, 22.5996,
26.8075

■ 87.7420, 96.2326,
108.5580

■ 38.3885, 20.3141,
21.8527

■ 37.1107, 18.9985,
17.6039

■ 36.5715, 18.5484,
15.4876

Harmonies

Analogous

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



58.0028, 53.2485, 77.8509



60.4333, 53.2485, 63.5927



60.1088, 53.2485, 49.8608

Triad

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



60.4333, 53.2485, 63.5927



47.6910, 53.2485, 35.9200



44.5970, 53.2485, 80.6340

Complementary

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



60.4333, 53.2485, 63.5927



58.9416, 72.7482, 70.6132

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.



42.1706, 53.2485, 66.9328



60.4333, 53.2485, 63.5927



43.8757, 53.2485, 41.8132

Square

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



60.4333, 53.2485, 63.5927



52.5352, 53.2485, 35.3223



41.9154, 53.2485, 52.7050



48.7346, 53.2485, 88.7001

Rectangle

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



60.4333, 53.2485, 63.5927



58.3775, 53.2485, 42.7571



41.9154, 53.2485, 52.7050



43.5660, 53.2485, 76.4415

Sweetspot

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



60.4348, 53.2509, 63.5938



88.0936, 88.5257, 99.0637



56.4195, 50.7106, 84.6570



18.7332, 18.7471, 21.0280



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.



60.4348, 53.2509, 63.5938



70.0113, 59.2230, 71.8821



57.9695, 52.8694, 48.7474



15.3512, 15.1683, 17.1345



20.6128, 10.4478, 9.0284



1.6666, 0.8396, 0.9617

Inverse Universe

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



60.4348, 53.2509, 63.5938



70.0113, 59.2230, 71.8821



61.8692, 73.0584, 88.6834



15.3512, 15.1683, 17.1345



20.6128, 10.4478, 9.0284



1.6666, 0.8396, 0.9617

Previews

White Background



This preview shows how the XYZ color 60.4333, 53.2485, 63.5927 looks on a white background.

Color Contrast Check

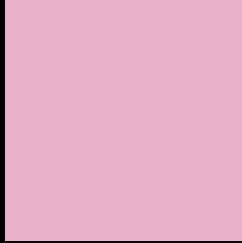
Large Text (above 18pt) WCAG AA × Fail

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 60.4333, 53.2485, 63.5927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

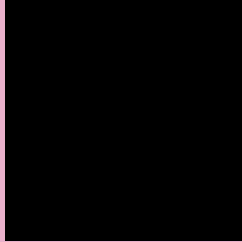
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4333, 53.2485, 63.5927

Background



This preview shows how black text looks on a background with the XYZ color 60.4333, 53.2485, 63.5927.



This preview shows how white text looks on a background with the XYZ color 60.4333, 53.2485,

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

60.4333, 53.2485, 63.5927

Protanopia

52.2192, 53.5291, 69.8673

Deuteranopia

54.3254, 53.1676, 62.6575



Tritanopia

59.3500, 53.4141, 57.6339

Trichromacy



Original Color

60.4333, 53.2485, 63.5927

Protanomaly

55.0111, 53.4095, 67.7313

Deuteranomaly

56.2094, 52.8830, 63.1220

Tritanomaly

59.6027, 53.1956, 59.9497

Monochromacy



Original Color

60.4333, 53.2485, 63.5927

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.3006, 54.6521, 61.6671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4333, 53.2485, 63.5927 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(234, 177, 203)` looks like.

```
.text, #text, p{  
    color:rgb(234, 177, 203)  
}
```

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(234, 177, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 177, 203) }
```

Border

The CSS property to change the border of an element to XYZ 60.4333, 53.2485, 63.5927 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(234, 177, 203) }
```


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

```
.border{ border-color:rgb(234, 177, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 177, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 177, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 177, 203);  
box-shadow:4px 4px 4px 4px rgb(234, 177,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4333, 53.2485, 63.5927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 177, 203) }
```

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

```
.background{ background-color: rgb(234,  
177, 203) }
```

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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