

Converting Colors

XYZ(59.2535, 53.2120, 64.1957)

Have a look what the booklet for
XYZ(59.2535, 53.2120, 64.1957)
contains.

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Color

**XYZ(59.3323, 53.2578,
64.2794)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B3CC
RGB	229, 179, 204
RGB Percent	90%, 70%, 80%
CMY	0.1020, 0.2980, 0.2000
CMYK	0.00, 0.22, 0.11, 0.10
HSL	330°, 49%, 80%
HSV	330°, 22%, 90%
XYZ	59.3323, 53.2578, 64.2794
YIQ	196.8000, 21.7750, 18.3750

Conversions

Conversions Part 2

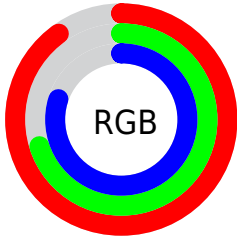
Format	Color
R _Y B	229, 179, 204
Decimal	15053772
CIE Lab	78.03, 22.03, -5.66
CIE LCh	78, 22.748, 345.587
Yxy	53.2578, 0.3355, 0.3011
Android (android.graphics.Color)	4293243852 (0xFFE5B3CC)
YUV	196.8000, 3.5496, 28.2394
Hunter-Lab	72.9779, 17.4121, -1.1384

Details

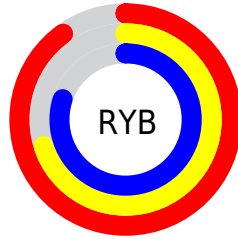
The XYZ color **59.3323, 53.2578, 64.2794** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.5109, 69.9835, 67.6070**, and the grayscale version is **52.9216, 55.6777, 60.6330**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **30.1995, 26.0080, 32.2825** is the 20% darker color. If you saturate the color by 10%, you get **53.7951, 44.3006, 55.9050**, and if you desaturate by 10%, it is **65.7357, 63.7844, 73.4420**.

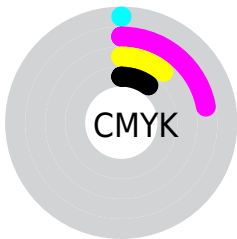
Distribution



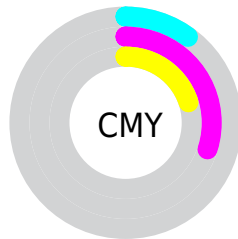
- Red (90%)
- Green (70%)
- Blue (80%)



- Red (90%)
- Yellow (70%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3323, 53.2578, 64.2794 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 59.3323, 53.2578, 64.2794 by changing the saturation by 10% instead.


 59.3323, 53.2578,
64.2794

 59.3323, 53.2578,
64.2794


412.0065,
399.2734, 458.4330

 43.1281, 38.0086,
46.4294


 102.9723, 94.9836,
112.6166

 30.1806, 25.9894,
32.2337


131.1389,
122.2290, 143.9408

 20.1244, 16.8157,
21.2738

164.0235,
154.2420, 180.5935

 12.5943, 10.1032,
13.1311

201.9917,
191.4068, 222.9932

 7.2249, 5.4674,
7.3871

245.4088,
234.1080, 271.5585

 3.6507, 2.5240,
3.6232

294.6400,

 1.5065, 0.8886,

282.7299, 326.7078

1.4210

350.0508,
337.6569, 388.8598

■ 0.3302, 0.0000,
0.1580

■ 0.0000, 0.0000,
0.0000

■ 59.3323, 53.2578,
64.2794

■ 59.3323, 53.2578,
64.2794

■ 53.7951, 44.3006,
55.9050

■ 65.7357, 63.7844,
73.4420

■ 49.0798, 36.8297,
48.2916

■ 73.0379, 75.9442,
83.4122

■ 45.1448, 30.7650,
41.4149

■ 81.2751, 89.8060,
94.2126

■ 41.9431, 26.0157,
35.2478

■ 85.2982, 95.0681,
104.1366

■ 39.4220, 22.4808,
29.7610

■ 86.1235, 95.3982,
108.4822

■ 37.5215, 20.0438,
24.9221

■ 36.1696, 18.5653,
20.6944

■ 35.3788, 17.8843,
17.6540

Harmonies

Analogous

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



56.9560, 53.2578, 76.8047



59.3323, 53.2578, 64.2794



59.2820, 53.2578, 51.6734

Triad

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



59.3323, 53.2578, 64.2794



48.3639, 53.2578, 37.5102



44.8861, 53.2578, 77.2323

Complementary

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



59.3323, 53.2578, 64.2794



57.5109, 69.9835, 67.6070

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.



42.8456, 53.2578, 64.7986



59.3323, 53.2578, 64.2794



44.7722, 53.2578, 42.5279

Square

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



59.3323, 53.2578, 64.2794



52.7713, 53.2578, 37.4134



42.8052, 53.2578, 52.1224



48.5279, 53.2578, 84.9904

Rectangle

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



59.3323, 53.2578, 64.2794



57.8729, 53.2578, 44.9112



42.8052, 53.2578, 52.1224



43.9998, 53.2578, 73.3863

Sweetspot

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



59.3338, 53.2602, 64.2805



88.2136, 88.5737, 99.6957



55.1669, 50.7373, 81.0152



18.7610, 18.7582, 21.1743



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.



59.3338, 53.2602, 64.2805



72.5375, 62.7920, 77.2970



56.5718, 52.1554, 49.7359



14.6760, 14.4876, 16.4943



20.2884, 10.2496, 10.4138



1.5461, 0.7762, 1.0164

Inverse Universe

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



59.3338, 53.2602, 64.2805



72.5375, 62.7920, 77.2970



60.7543, 71.2808, 84.6860



14.6760, 14.4876, 16.4943



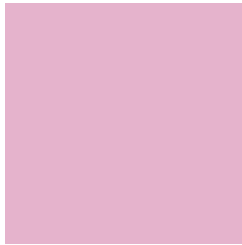
20.2884, 10.2496, 10.4138



1.5461, 0.7762, 1.0164

Previews

White Background



This preview shows how the XYZ color 59.3323, 53.2578, 64.2794 looks on a white background.

Color Contrast Check

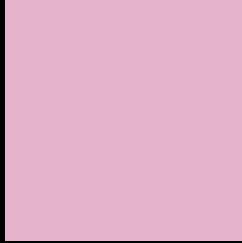
Large Text (above 18pt) WCAG AA × Fail

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 59.3323, 53.2578, 64.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

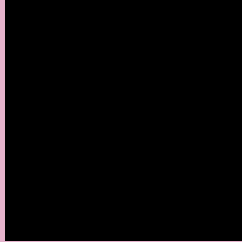
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3323, 53.2578, 64.2794

Background



This preview shows how black text looks on a background with the XYZ color 59.3323, 53.2578, 64.2794.



This preview shows how white text looks on a background with the XYZ color 59.3323, 53.2578,

64.2794.

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

59.3323, 53.2578, 64.2794

Protanopia

52.2192, 53.5291, 69.8673

Deuteranopia

54.4434, 53.2148, 63.2791



Tritanopia

58.3691, 53.4819, 58.8764

Trichromacy



Original Color

59.3323, 53.2578, 64.2794

Protanomaly

54.4558, 53.1232, 67.7053

Deuteranomaly

56.2389, 53.1917, 63.8028

Tritanomaly

58.5092, 53.2137, 60.6136

Monochromacy



Original Color

59.3323, 53.2578, 64.2794

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.1333, 54.5524, 62.2674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3323, 53.2578, 64.2794 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, 179, 204)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 204)  
}
```

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, 179, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 204) }
```

Border

The CSS property to change the border of an element to XYZ 59.3323, 53.2578, 64.2794 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, 179, 204) }
```


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

```
.border{ border-color:rgb(229, 179, 204) }
```

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

Here you see how a box with a 4 pixel rgb(229, 179, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 204);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3323, 53.2578, 64.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 204) }
```

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

```
.background{ background-color: rgb(229,  
179, 204) }
```

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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