

Converting Colors

XYZ(59.1369, 53.2120, 63.4419)

Have a look what the booklet for
XYZ(59.1369, 53.2120, 63.4419)
contains.

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Color

**XYZ(59.2127, 53.2100,
63.6496)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B3CB
RGB	229, 179, 203
RGB Percent	90%, 70%, 80%
CMY	0.1020, 0.2980, 0.2039
CMYK	0.00, 0.22, 0.11, 0.10
HSL	331°, 49%, 80%
HSV	331°, 22%, 90%
XYZ	59.2127, 53.2100, 63.6496
YIQ	196.6860, 22.0960, 18.0640

Conversions

Conversions Part 2

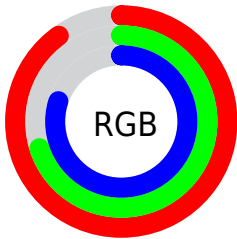
Format	Color
R _Y B	229, 179, 203
Decimal	15053771
CIE Lab	78.00, 21.87, -5.16
CIE LCh	78, 22.467, 346.720
Yxy	53.2100, 0.3363, 0.3022
Android (android.graphics.Color)	4293243851 (0xFFE5B3CB)
YUV	196.6860, 3.1128, 28.3394
Hunter-Lab	72.9452, 17.2419, -0.6729

Details

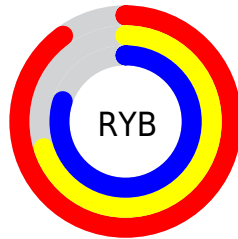
The XYZ color **59.2127, 53.2100, 63.6496** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.6313, 70.0316, 68.2409**, and the grayscale version is **52.8554, 55.6080, 60.5571**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **30.1193, 25.9759, 31.8602** is the 20% darker color. If you saturate the color by 10%, you get **53.6337, 44.2361, 55.0550**, and if you desaturate by 10%, it is **65.6660, 63.7566, 73.0748**.

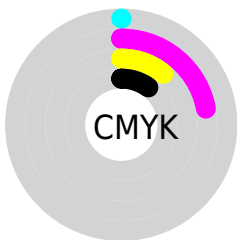
Distribution



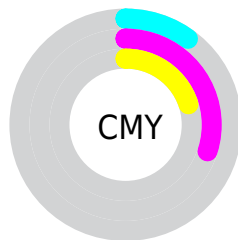
- Red (90%)
- Green (70%)
- Blue (80%)



- 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 59.2127, 53.2100, 63.6496 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 59.2127, 53.2100, 63.6496 by changing the saturation by 10% instead.


 59.2127, 53.2100,
63.6496

 59.2127, 53.2100,
63.6496


411.5711,
399.0903, 456.0959

 43.0314, 37.9704,
45.9226


 102.7996, 94.9133,
111.7008

 30.1044, 25.9597,
31.8365


130.9359,
122.1458, 142.8620

 20.0663, 16.7935,
20.9729


163.7879,
154.1448, 179.3383

 12.5518, 10.0874,
12.9131

201.7210,
191.2947, 221.5483

 7.1955, 5.4569,
7.2387

245.1005,
233.9797, 269.9105

 3.6321, 2.5178,
3.5311

294.2918,

 1.4962, 0.8855,

282.5844, 324.8435

1.3718

349.6602,
337.4931, 386.7658

■ 0.3232, 0.0000,
0.1196

■ 0.0000, 0.0000,
0.0000

■ 59.2127, 53.2100,
63.6496

■ 59.2127, 53.2100,
63.6496

■ 53.6337, 44.2361,
55.0550

■ 65.6660, 63.7566,
73.0748

■ 48.8843, 36.7516,
47.2622

■ 73.0263, 75.9396,
83.3512

■ 44.9227, 30.6762,
40.2456

■ 81.3303, 89.8281,
94.5030

■ 41.7016, 25.9192,
33.9763

■ 85.4289, 95.1204,
104.8248

■ 39.1680, 22.3792,
28.4233

■ 86.1234, 95.3982,
108.4822

■ 37.2614, 19.9398,
23.5525

■ 35.9096, 18.4613,
19.3250

■ 35.1230, 17.7820,
16.3074

Harmonies

Analogous

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



56.9501, 53.2100, 76.0750



59.2127, 53.2100, 63.6496



59.0676, 53.2100, 51.2774

Triad

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



59.2127, 53.2100, 63.6496



48.1924, 53.2100, 37.7885



45.0232, 53.2100, 77.3081

Complementary

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



59.2127, 53.2100, 63.6496



57.6313, 70.0316, 68.2409

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.



42.9372, 53.2100, 65.1489



59.2127, 53.2100, 63.6496



44.6934, 53.2100, 42.9381

Square

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



59.2127, 53.2100, 63.6496



52.5318, 53.2100, 37.5076



42.8201, 53.2100, 52.5762



48.6664, 53.2100, 84.6937

Rectangle

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



59.2127, 53.2100, 63.6496



57.6225, 53.2100, 44.6912



42.8201, 53.2100, 52.5762



44.1260, 53.2100, 73.5704

Sweetspot

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



59.2142, 53.2124, 63.6507



88.1588, 88.5517, 99.4071



55.3959, 50.8554, 81.0259



18.7483, 18.7531, 21.1075



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.



59.2142, 53.2124, 63.6507



72.3605, 62.7212, 76.3652



56.7394, 52.4905, 49.7919



14.6637, 14.4827, 16.4293



20.1416, 10.1908, 9.6405



1.5351, 0.7718, 0.9585

Inverse Universe

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



59.2142, 53.2124, 63.6507



72.3605, 62.7212, 76.3652



60.5242, 70.8207, 84.6093



14.6637, 14.4827, 16.4293



20.1416, 10.1908, 9.6405



1.5351, 0.7718, 0.9585

Previews

White Background



This preview shows how the XYZ color 59.2127, 53.2100, 63.6496 looks on a white background.

Color Contrast Check

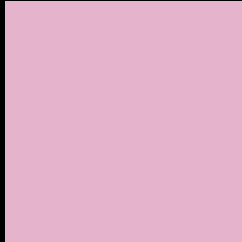
Large Text (above 18pt) WCAG AA × Fail

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 59.2127, 53.2100, 63.6496 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 59.2127, 53.2100, 63.6496

Background



This preview shows how black text looks on a background with the XYZ color 59.2127, 53.2100, 63.6496.



This preview shows how white text looks on a background with the XYZ color 59.2127, 53.2100,

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

59.2127, 53.2100, 63.6496

Protanopia

52.0934, 53.4788, 69.2048

Deuteranopia

54.3254, 53.1676, 62.6575



Tritanopia

58.0538, 53.0315, 58.2153

Trichromacy



Original Color

59.2127, 53.2100, 63.6496

Protanomaly

54.3323, 53.0739, 67.0552

Deuteranomaly

56.1201, 53.1442, 63.1771

Tritanomaly

58.3942, 53.1677, 60.0080

Monochromacy



Original Color

59.2127, 53.2100, 63.6496

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.0168, 54.5057, 61.6538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2127, 53.2100, 63.6496 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 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(229, 179, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 203) }
```

Border

The CSS property to change the border of an element to XYZ 59.2127, 53.2100, 63.6496 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, 203) }
```


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

```
.border{ border-color:rgb(229, 179, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 203);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2127, 53.2100, 63.6496 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, 203) }
```

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

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