

Converting Colors

XYZ(60.5368, 53.8808, 64.3783)

Have a look what the booklet for
XYZ(60.5368, 53.8808, 64.3783)
contains.

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Color

**XYZ(60.6235, 53.9235,
64.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B3CC
RGB	233, 179, 204
RGB Percent	91%, 70%, 80%
CMY	0.0863, 0.2980, 0.2000
CMYK	0.00, 0.23, 0.12, 0.09
HSL	332°, 55%, 81%
HSV	332°, 23%, 91%
XYZ	60.6235, 53.9235, 64.3398
YIQ	197.9960, 24.1590, 19.2230

Conversions

Conversions Part 2

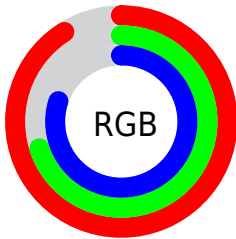
Format	Color
R _Y B	233, 179, 204
Decimal	15315916
CIE Lab	78.42, 23.43, -5.04
CIE LCh	78, 23.965, 347.855
Yxy	53.9235, 0.3389, 0.3014
Android (android.graphics.Color)	4293505996 (0xFFE9B3CC)
YUV	197.9960, 2.9600, 30.6985
Hunter-Lab	73.4326, 18.8565, -0.5456

Details

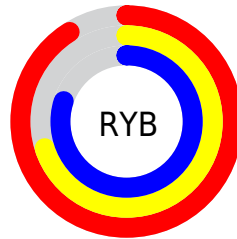
The XYZ color **60.6235, 53.9235, 64.3398** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.1167, 72.4171, 70.5401**, and the grayscale version is **53.6477, 56.4416, 61.4649**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **31.0973, 26.4708, 32.3245** is the 20% darker color. If you saturate the color by 10%, you get **54.9014, 44.7851, 55.3225**, and if you desaturate by 10%, it is **67.2583, 64.6930, 74.2576**.

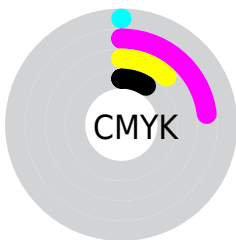
Distribution



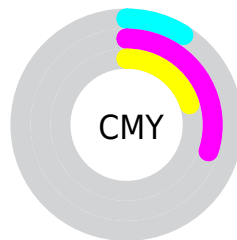
- Red (91%)
- Green (70%)
- Blue (80%)



- Red (91%)
- Yellow (70%)
- Blue (80%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6235, 53.9235, 64.3398 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 60.6235, 53.9235, 64.3398 by changing the saturation by 10% instead.


 60.6235, 53.9235,
64.3398

 60.6235, 53.9235,
64.3398


416.6902,
401.8182, 458.6568

 44.1728, 38.5405,
46.4780

 104.8348, 95.9619,
112.7043

 31.0049, 26.4025,
32.2718


133.3261,
123.3861, 144.0441

 20.7544, 17.1250,
21.3027


166.5616,
155.5929, 180.7137

 13.0560, 10.3236,
13.1520

204.9067,
192.9665, 223.1316

 7.5444, 5.6141,
7.4014

248.7268,
235.8915, 271.7163

 3.8542, 2.6119,
3.6321

298.3872,

 1.6200, 0.9326,

284.7522, 326.8864

1.4258

354.2532,
339.9329, 389.0603

■ 0.4054, 0.0000,
0.1617

■ 0.0000, 0.0000,
0.0000

■ 60.6235, 53.9235,
64.3398

■ 60.6235, 53.9235,
64.3398

■ 54.9014, 44.7851,
55.3225

■ 67.2583, 64.6930,
74.2576

■ 50.0449, 37.1901,
47.1743

■ 74.8408, 77.1611,
85.0992

■ 46.0096, 31.0536,
39.8666

■ 83.4097, 91.4004,
96.8910

■ 42.7450, 26.2796,
33.3674

■ 87.2632, 96.0032,
107.7452

■ 40.1947, 22.7602,
27.6425

■ 87.4146, 96.0638,
108.5427

■ 38.2938, 20.3711,
22.6537

■ 36.9644, 18.9619,
18.3580

■ 36.3040, 18.4036,
15.7874

Harmonies

Analogous

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



58.2632, 53.9235, 77.8886



60.6235, 53.9235, 64.3398



60.3628, 53.9235, 51.1166

Triad

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



60.6235, 53.9235, 64.3398



48.5265, 53.9235, 37.3289



45.4141, 53.9235, 80.1144

Complementary

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



60.6235, 53.9235, 64.3398



59.1167, 72.4171, 70.5401

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.



43.1086, 53.9235, 67.0281



60.6235, 53.9235, 64.3398



44.8283, 53.9235, 42.9761

Square

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



60.6235, 53.9235, 64.3398



53.1813, 53.9235, 36.8368



42.9010, 53.9235, 53.4252



49.3712, 53.9235, 87.8869

Rectangle

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



60.6235, 53.9235, 64.3398



58.7391, 53.9235, 44.1953



42.9010, 53.9235, 53.4252



44.4310, 53.9235, 76.1068

Sweetspot

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



60.6251, 53.9259, 64.3409



88.1122, 88.5331, 99.1618



56.7865, 51.5071, 84.0405



18.7376, 18.7488, 21.0507



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.



60.6251, 53.9259, 64.3409



70.7767, 60.3667, 73.3305



58.2262, 53.5474, 49.9176



15.3556, 15.1701, 17.1577



20.6606, 10.4669, 9.2803



1.6705, 0.8412, 0.9821

Inverse Universe

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



60.6251, 53.9259, 64.3409



70.7767, 60.3667, 73.3305



61.9321, 72.7321, 87.8661



15.3556, 15.1701, 17.1577



20.6606, 10.4669, 9.2803



1.6705, 0.8412, 0.9821

Previews

White Background



This preview shows how the XYZ color 60.6235, 53.9235, 64.3398 looks on a white background.

Color Contrast Check

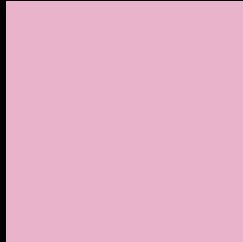
Large Text (above 18pt) WCAG AA × Fail

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 60.6235, 53.9235, 64.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

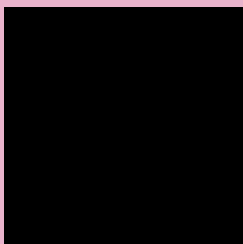
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6235, 53.9235, 64.3398

Background



This preview shows how black text looks on a background with the XYZ color 60.6235, 53.9235, 64.3398.



This preview shows how white text looks on a background with the XYZ color 60.6235, 53.9235,

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

60.6235, 53.9235, 64.3398

Protanopia

52.8184, 54.1505, 70.6190

Deuteranopia

54.9384, 53.7860, 63.3633



Tritanopia

59.6529, 54.1437, 58.9365

Trichromacy



Original Color

60.6235, 53.9235, 64.3398

Protanomaly

55.3482, 53.8850, 68.4564

Deuteranomaly

57.0419, 53.9151, 63.9001

Tritanomaly

59.7930, 53.8755, 60.6737

Monochromacy



Original Color

60.6235, 53.9235, 64.3398

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.9201, 55.2806, 62.3665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6235, 53.9235, 64.3398 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(233, 179, 204)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 179, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 204) }
```

Border

The CSS property to change the border of an element to XYZ 60.6235, 53.9235, 64.3398 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(233, 179, 204) }
```


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

```
.border{ border-color:rgb(233, 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(233, 179, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 204);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6235, 53.9235, 64.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 179, 204) }
```

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

```
.background{ background-color: rgb(233,  
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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