

Converting Colors

XYZ(59.6718, 53.4118, 69.1740)

Have a look what the booklet for
XYZ(59.6718, 53.4118, 69.1740)
contains.

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Color

**XYZ(59.6823, 53.3246,
69.4344)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E3B3D4 |
| RGB | 227, 179, 212 |
| RGB Percent | 89%, 70%, 83% |
| CMY | 0.1098, 0.2980, 0.1686 |
| CMYK | 0.00, 0.21, 0.07, 0.11 |
| HSL | 319°, 46%, 80% |
| HSV | 319°, 21%, 89% |
| XYZ | 59.6823, 53.3246, 69.4344 |
| YIQ | 197.1140, 18.0150, 20.4390 |

Conversions

Conversions Part 2

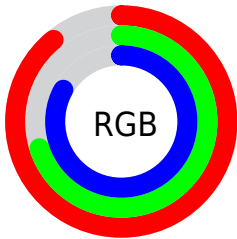
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 227, 179, 212 |
| Decimal | 14922708 |
| CIE Lab | 78.07, 22.70, -9.96 |
| CIE LCh | 78, 24.792, 336.301 |
| Yxy | 53.3246, 0.3271, 0.2923 |
| Android (android.graphics.Color) | 4293112788 (0xFFE3B3D4) |
| YUV | 197.1140, 7.3388, 26.2100 |
| Hunter-Lab | 73.0237, 18.0967, -5.2592 |

Details

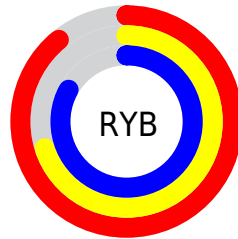
The XYZ color **59.6823, 53.3246, 69.4344** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.7992, 68.4184, 61.3072**, and the grayscale version is **53.0906, 55.8554, 60.8265**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **30.3412, 26.0140, 35.3203** is the 20% darker color. If you saturate the color by 10%, you get **54.6268, 44.6139, 63.4308**, and if you desaturate by 10%, it is **65.5291, 63.5536, 75.8971**.

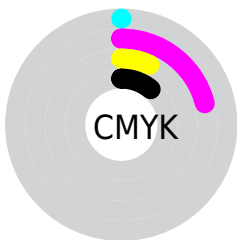
Distribution



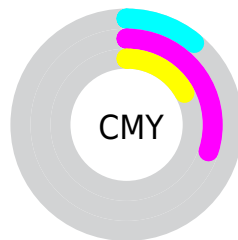
- Red (89%)
- Green (70%)
- Blue (83%)



- Red (89%)
- Yellow (70%)
- Blue (83%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (11%)





- Cyan (11%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6823, 53.3246, 69.4344 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 59.6823, 53.3246, 69.4344 by changing the saturation by 10% instead.


 59.6823, 53.3246,
69.4344

 59.6823, 53.3246,
69.4344


413.2793,
399.5292, 477.2969

 43.4111, 38.0620,
50.5916


 103.4776, 95.0818,
120.0754

 30.4037, 26.0308,
35.5092


131.7325,
122.3452, 152.7106

 20.2948, 16.8467,
23.7687


164.7126,
154.3777, 190.7804

 12.7190, 10.1252,
14.9515

202.7833,
191.5635, 234.7033

 7.3110, 5.4821,
8.6391

246.3099,
234.2872, 284.8979

 3.7054, 2.5328,
4.4130

295.6579,

 1.5369, 0.8930,

282.9331, 341.7827

1.8545

351.1926,
337.8857, 405.7762

■ 0.3507, 0.0000,
0.4636

■ 0.0000, 0.0000,
0.0000

■ 59.6823, 53.3246,
69.4344

■ 59.6823, 53.3246,
69.4344

■ 54.6268, 44.6139,
63.4308

■ 65.5291, 63.5536,
75.8971

■ 50.3209, 37.3409,
57.8679

■ 72.1972, 75.3621,
82.8293

■ 46.7259, 31.4284,
52.7312

■ 79.7206, 88.8167,
90.2455

■ 43.7978, 26.7891,
48.0032

■ 83.2234, 94.1649,
96.5226

41.4872, 23.3255,
43.6649

84.3005, 94.5957,
102.1946

39.7380, 20.9256,
39.6950

85.4193, 95.0432,
108.0862

38.4828, 19.4558,
36.0683

85.4889, 95.0711,
108.4525

37.6845, 18.7333,
33.1075

Harmonies

Analogous

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



56.3894, 53.3246, 82.2726



59.6823, 53.3246, 69.4344



60.4976, 53.3246, 55.1876

Triad

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



59.6823, 53.3246, 69.4344



49.6698, 53.3246, 35.4131



43.5538, 53.3246, 75.2951

Complementary

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



59.6823, 53.3246, 69.4344



55.7992, 68.4184, 61.3072

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.



41.9925, 53.3246, 61.0333



59.6823, 53.3246, 69.4344



45.3760, 53.3246, 39.1376

Square

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



59.6823, 53.3246, 69.4344



54.5128, 53.3246, 36.9335



42.6379, 53.3246, 48.0035



47.0377, 53.3246, 86.0149

Rectangle

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



59.6823, 53.3246, 69.4344



59.4835, 53.3246, 47.0443



42.6379, 53.3246, 48.0035



42.7971, 53.3246, 70.6768

Sweetspot

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



59.6839, 53.3270, 69.4355



89.6014, 90.3195, 103.3330



52.0820, 49.1791, 79.4213



19.0566, 19.1165, 21.9907



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.



59.6839, 53.3270, 69.4355



74.9318, 64.6333, 87.1813



56.9425, 52.2304, 54.9997



14.7933, 14.5345, 17.1120



22.0323, 10.9471, 19.5969



1.6695, 0.8255, 1.6662

Inverse Universe

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



59.6839, 53.3270, 69.4355



74.9318, 64.6333, 87.1813



58.6378, 69.5538, 76.2547



14.7933, 14.5345, 17.1120



22.0323, 10.9471, 19.5969



1.6695, 0.8255, 1.6662

Previews

White Background



This preview shows how the XYZ color 59.6823, 53.3246, 69.4344 looks on a white background.

Color Contrast Check

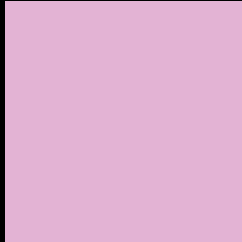
Large Text (above 18pt) WCAG AA × Fail

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 59.6823, 53.3246, 69.4344 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 59.6823, 53.3246, 69.4344

Background



This preview shows how black text looks on a background with the XYZ color 59.6823, 53.3246, 69.4344.



This preview shows how white text looks on a background with the XYZ color 59.6823, 53.3246,

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

59.6823, 53.3246, 69.4344

Protanopia

52.7542, 53.6854, 75.2920

Deuteranopia

54.5179, 53.4570, 68.4176



Tritanopia

57.7431, 53.4490, 59.4978

Trichromacy



Original Color

59.6823, 53.3246, 69.4344

Protanomaly

54.9233, 53.2469, 73.0286

Deuteranomaly

56.2582, 53.3981, 68.9698

Tritanomaly

58.5486, 53.4808, 63.1141

Monochromacy



Original Color

59.6823, 53.3246, 69.4344

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.0866, 54.5011, 63.4935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6823, 53.3246, 69.4344 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(227, 179, 212)` looks like.

```
.text, #text, p{  
    color:rgb(227, 179, 212)  
}
```

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(227, 179, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 179, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.6823, 53.3246, 69.4344 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(227, 179, 212) }
```


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

```
.border{ border-color:rgb(227, 179, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 179, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 179, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 179, 212);  
box-shadow:4px 4px 4px 4px rgb(227, 179,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6823, 53.3246, 69.4344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 179, 212) }
```

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

```
.background{ background-color: rgb(227,  
179, 212) }
```

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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