

Converting Colors

XYZ(59.8071, 53.4659, 69.8863)

Have a look what the booklet for
XYZ(59.8071, 53.4659, 69.8863)
contains.

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Color

**XYZ(59.8089, 53.3752,
70.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B3D5
RGB	227, 179, 213
RGB Percent	89%, 70%, 84%
CMY	0.1098, 0.2980, 0.1647
CMYK	0.00, 0.21, 0.06, 0.11
HSL	318°, 46%, 80%
HSV	318°, 21%, 89%
XYZ	59.8089, 53.3752, 70.1010
YIQ	197.2280, 17.6940, 20.7500

Conversions

Conversions Part 2

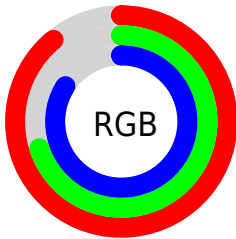
Format	Color
R_{YB}	227, 179, 213
Decimal	14922709
CIE _{Lab}	78.10, 22.88, -10.46
CIE _{LCh}	78, 25.155, 335.423
Yxy	53.3752, 0.3263, 0.2912
Android (android.graphics.Color)	4293112789 (0xFFE3B3D5)
YUV	197.2280, 7.7756, 26.1100
Hunter-Lab	73.0583, 18.2762, -5.7492

Details

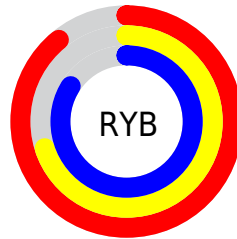
The XYZ color **59.8089, 53.3752, 70.1010** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.6873, 68.3736, 60.7176**, and the grayscale version is **53.1570, 55.9253, 60.9026**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **30.4270, 26.0483, 35.7719** is the 20% darker color. If you saturate the color by 10%, you get **54.8054, 44.6853, 64.3713**, and if you desaturate by 10%, it is **65.5987, 63.5814, 76.2634**.

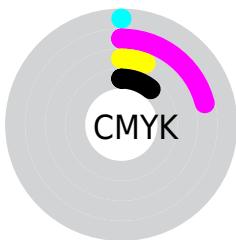
Distribution



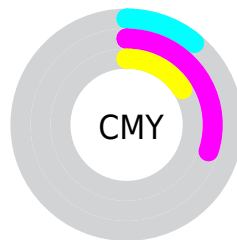
- Red (89%)
- Green (70%)
- Blue (84%)



- Red (89%)
- Yellow (70%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8089, 53.3752, 70.1010 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 59.8089, 53.3752, 70.1010 by changing the saturation by 10% instead.

59.8089, 53.3752,
70.1010

59.8089, 53.3752,
70.1010

413.7391,
399.7230, 479.7033

43.5135, 38.1024,
51.1316

103.6603, 95.1562,
121.0352

30.4845, 26.0622,
35.9359

131.9471,
122.4333, 153.8371

20.3565, 16.8701,
24.0954

164.9616,
154.4804, 192.0869

12.7642, 10.1420,
15.1915

203.0693,
191.6822, 236.2031

7.3423, 5.4932,
8.8058

246.6356,
234.4230, 286.6044

3.7253, 2.5394,
4.5196

296.0257,

1.5479, 0.8963,

283.0871, 343.7091

1.9145

351.6051,
338.0589, 407.9359

■ 0.3581, 0.0000,
0.5020

■ 0.0000, 0.0000,
0.0000

■ 59.8089, 53.3752,
70.1010

■ 59.8089, 53.3752,
70.1010

■ 54.8054, 44.6853,
64.3713

■ 65.5987, 63.5814,
76.2634

■ 50.5466, 37.4311,
59.0565

■ 72.2047, 75.3650,
82.8685

■ 46.9939, 31.5356,
54.1423

■ 79.6608, 88.7928,
89.9302

■ 44.1033, 26.9113,
49.6121

■ 83.0910, 94.1119,
95.8250

41.8258, 23.4609,
45.4474

84.0901, 94.5116,
101.0865

40.1050, 21.0724,
41.6272

85.1255, 94.9257,
106.5388

38.8738, 19.6122,
38.1271

85.4889, 95.0711,
108.4525

38.0932, 18.8968,
35.2595

Harmonies

Analogous

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



56.4016, 53.3752, 83.0468



59.8089, 53.3752, 70.1010



60.7207, 53.3752, 55.5990

Triad

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



59.8089, 53.3752, 70.1010



49.8447, 53.3752, 35.1445



43.4217, 53.3752, 75.2355

Complementary

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



59.8089, 53.3752, 70.1010



55.6873, 68.3736, 60.7176

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.



41.9027, 53.3752, 60.7089



59.8089, 53.3752, 70.1010



45.4548, 53.3752, 38.7532

Square

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



59.8089, 53.3752, 70.1010



54.7597, 53.3752, 36.8359



42.6225, 53.3752, 47.5823



46.9059, 53.3752, 86.3302

Rectangle

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



59.8089, 53.3752, 70.1010



59.7432, 53.3752, 47.2666



42.6225, 53.3752, 47.5823



42.6749, 53.3752, 70.5114

Sweetspot

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



59.8105, 53.3776, 70.1021



89.6515, 90.3396, 103.5968



51.8780, 49.0739, 79.4118



19.0685, 19.1213, 22.0532



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.



59.8105, 53.3776, 70.1021



75.1246, 64.7104, 88.1964



57.0294, 52.2651, 55.4570



14.8065, 14.5398, 17.1816



22.2690, 11.0418, 20.8431



1.6856, 0.8319, 1.7507

Inverse Universe

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



59.8105, 53.3776, 70.1021



75.1246, 64.7104, 88.1964



58.5337, 69.5122, 75.7067



14.8065, 14.5398, 17.1816



22.2690, 11.0418, 20.8431



1.6856, 0.8319, 1.7507

Previews

White Background



This preview shows how the XYZ color 59.8089, 53.3752, 70.1010 looks on a white background.

Color Contrast Check

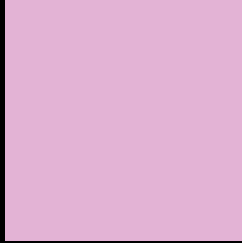
Large Text (above 18pt) WCAG AA × Fail

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 59.8089, 53.3752, 70.1010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

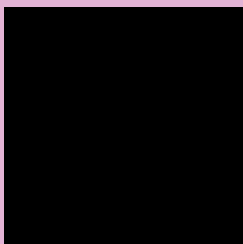
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8089, 53.3752, 70.1010

Background



This preview shows how black text looks on a background with the XYZ color 59.8089, 53.3752, 70.1010.



This preview shows how white text looks on a background with the XYZ color 59.8089, 53.3752,

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

59.8089, 53.3752, 70.1010

Protanopia

52.6398, 53.6111, 75.9802

Deuteranopia

54.6429, 53.5070, 69.0759



Tritanopia

57.7431, 53.4490, 59.4978

Trichromacy



Original Color

59.8089, 53.3752, 70.1010

Protanomaly

54.7823, 53.1592, 73.7031

Deuteranomaly

56.3840, 53.4484, 69.6322

Tritanomaly

58.5486, 53.4808, 63.1141

Monochromacy



Original Color

59.8089, 53.3752, 70.1010

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.2054, 54.5486, 64.1192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8089, 53.3752, 70.1010 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(227, 179, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 179, 213) }
```

Border

The CSS property to change the border of an element to XYZ 59.8089, 53.3752, 70.1010 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, 213) }
```


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

```
.border{ border-color:rgb(227, 179, 213) }
```

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, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 179, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 179, 213);  
box-shadow:4px 4px 4px 4px rgb(227, 179,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8089, 53.3752, 70.1010 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, 213) }
```

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

```
.background{ background-color: rgb(227,  
179, 213) }
```

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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