

Converting Colors

XYZ(71.9885, 59.3092, 86.2509)

Have a look what the booklet for
XYZ(71.9885, 59.3092, 86.2509)
contains.

XYZ(71.9885, 59.3092, 86.2509)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.9885, 59.3092,
86.2509)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB3EB
RGB	254, 179, 235
RGB Percent	100%, 70%, 92%
CMY	0.0039, 0.2980, 0.0784
CMYK	0.00, 0.30, 0.07, 0.00
HSL	315°, 97%, 85%
HSV	315°, 30%, 100%
XYZ	71.9885, 59.3092, 86.2509
YIQ	207.8090, 26.7240, 33.3160

Conversions

Conversions Part 2

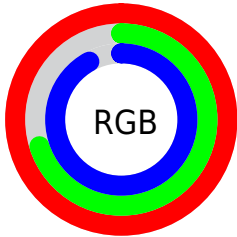
Format	Color
RYB	254, 179, 235
Decimal	16692203
CIELab	81.46, 35.68, -17.02
CIELCh	81, 39.528, 334.500
Yxy	59.3092, 0.3309, 0.2726
Android (android.graphics.Color)	4294882283 (0xFFFE3EB)
YUV	207.8090, 13.4052, 40.5095
Hunter-Lab	77.0125, 32.0836, -12.4937

Details

The XYZ color **71.9885, 59.3092, 86.2509** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.2277, 84.5462, 66.3636**, and the grayscale version is **59.7359, 62.8469, 68.4402**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **38.2352, 29.6577, 46.3571** is the 20% darker color. If you saturate the color by 10%, you get **66.4464, 49.6853, 79.8996**, and if you desaturate by 10%, it is **78.5054, 70.8271, 93.0944**.

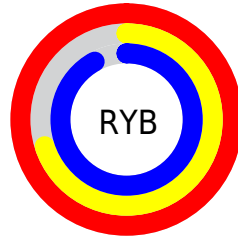
Distribution



Red (100%)

Green (70%)

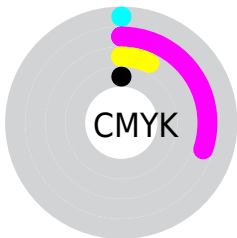
Blue (92%)



Red (100%)

Yellow (70%)

Blue (92%)

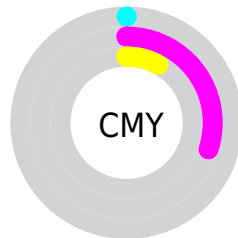


Cyan (0%)

Magenta (30%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9885, 59.3092, 86.2509 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 71.9885, 59.3092, 86.2509 by changing the saturation by 10% instead.


 71.9885, 59.3092,
86.2509

 71.9885, 59.3092,
86.2509

456.6598,
422.0468, 536.0103

 53.4347, 42.8621,
64.3194


 121.0511,
103.8269, 144.0092

 38.3788, 29.7769,
46.4616

152.2906,
132.6663, 180.6731

 26.4553, 19.6693,
32.2589


188.4893,
166.4052, 223.0848

 17.2991, 12.1549,
21.2929

230.0127,
205.4281, 271.6629

 10.5446, 6.8493,
13.1449

277.2261,
250.1193, 326.8260

 5.8265, 3.3680,
7.3965

330.4949,

 2.7795, 1.3267,

300.8632, 388.9926

3.6291

390.1843,
358.0442, 458.5812

■ 1.0383, 0.1618,
1.4242

■ 0.0000, 0.0000,
0.1605

■ 71.9885, 59.3092,
86.2509

■ 71.9885, 59.3092,
86.2509

■ 66.4464, 49.6853,
79.8996

■ 78.5054, 70.8271,
93.0944

■ 61.8219, 41.8441,
74.0176

■ 86.0397, 84.3262,
100.4441

■ 58.0597, 35.6751,
68.5857

94.5719, 99.7664,
108.2958

■ 55.0967, 31.0521,
63.5807

94.6834, 99.8110,
108.8828

■ 52.8604, 27.8310,
58.9769

■ 51.2647, 25.8403,
54.7437

■ 50.1759, 24.8129,
50.8345

■ 50.1295, 24.7734,
50.6546

Harmonies

Analogous

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



65.8736, 59.3092, 109.8866



71.9885, 59.3092, 86.2509



73.7698, 59.3092, 61.0674

Triad

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



71.9885, 59.3092, 86.2509



55.1322, 59.3092, 28.9669



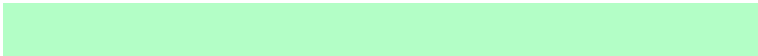
44.2483, 59.3092, 93.9825

Complementary

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



71.9885, 59.3092, 86.2509



64.2277, 84.5462, 66.3636

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.



41.9495, 59.3092, 68.2199



71.9885, 59.3092, 86.2509



47.8303, 59.3092, 33.8306

Square

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



71.9885, 59.3092, 86.2509



63.5034, 59.3092, 31.5596



43.1943, 59.3092, 46.8781



49.7949, 59.3092, 115.0625

Rectangle

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



71.9885, 59.3092, 86.2509



72.1267, 59.3092, 47.4624



43.1943, 59.3092, 46.8781



43.0961, 59.3092, 85.3801

Sweetspot

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



71.9903, 59.3119, 86.2521



87.2386, 85.8525, 101.7476



57.2350, 51.3709, 100.6658



18.4200, 17.9209, 21.5394



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.



71.9903, 59.3119, 86.2521



69.4516, 54.2899, 83.4522



67.1595, 57.3795, 60.8136



18.5845, 18.2171, 21.6951



26.4913, 13.0858, 27.0356



2.6234, 1.2917, 2.8642

Inverse Universe

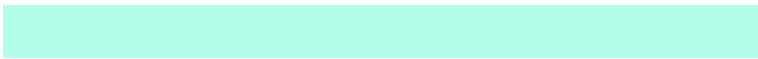
The Inverse Universe completely reimagines the original color for something new.



71.9903, 59.3119, 86.2521



69.4516, 54.2899, 83.4522



69.0658, 86.4815, 91.8409



18.5845, 18.2171, 21.6951



26.4913, 13.0858, 27.0356



2.6234, 1.2917, 2.8642

Previews

White Background



This preview shows how the XYZ color 71.9885, 59.3092, 86.2509 looks on a white background.

Color Contrast Check

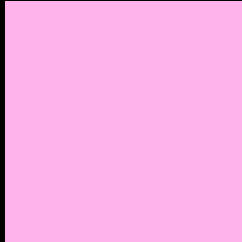
Large Text (above 18pt) WCAG AA × Fail

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 71.9885, 59.3092, 86.2509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

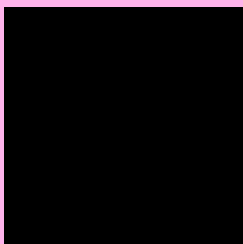
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9885, 59.3092, 86.2509

Background



This preview shows how black text looks on a background with the XYZ color 71.9885, 59.3092, 86.2509.

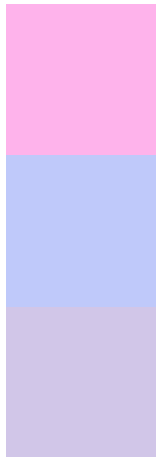


This preview shows how white text looks on a background with the XYZ color 71.9885, 59.3092,

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

71.9885, 59.3092, 86.2509

Protanopia

59.6278, 59.7518, 98.8330

Deuteranopia

61.0541, 59.7697, 84.6627



Tritanopia

67.1986, 59.1920, 62.5270

Trichromacy



Original Color

71.9885, 59.3092, 86.2509



Protanomaly

63.2830, 59.0286, 94.4445



Deuteranomaly

64.3901, 59.1523, 85.1146



Tritanomaly

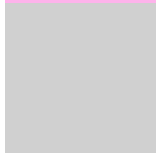
68.7274, 59.1803, 70.7514

Monochromacy



Original Color

71.9885, 59.3092, 86.2509



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.6725, 61.0020, 74.7483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9885, 59.3092, 86.2509 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(254, 179, 235)` looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 235)  
}
```

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(254, 179, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 235) }
```

Border

The CSS property to change the border of an element to XYZ 71.9885, 59.3092, 86.2509 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(254, 179, 235) }
```


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

```
.border{ border-color:rgb(254, 179, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 179, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 235);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9885, 59.3092, 86.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 179, 235) }
```

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

```
.background{ background-color: rgb(254,  
179, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor