

Converting Colors

XYZ(73.7133, 59.0715, 96.3521)

Have a look what the booklet for
XYZ(73.7133, 59.0715, 96.3521)
contains.

XYZ(73.7086, 59.0880, 96.3272)	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(73.7086, 59.0880,
96.3272)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0F8
RGB	255, 176, 248
RGB Percent	100%, 69%, 97%
CMY	0.0000, 0.3098, 0.0274
CMYK	0.00, 0.31, 0.03, 0.00
HSL	305°, 100%, 85%
HSV	305°, 31%, 100%
XYZ	73.7086, 59.0880, 96.3272
YIQ	207.8290, 23.9720, 39.1400

Conversions

Conversions Part 2

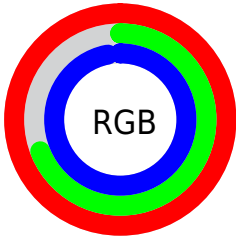
Format	Color
R_{YB}	255, 176, 248
Decimal	16756984
CIE _{Lab}	81.34, 39.80, -24.17
CIE _{LCh}	81, 46.565, 328.733
Yxy	59.0880, 0.3217, 0.2579
Android (android.graphics.Color)	4294947064 (0xFFFFB0F8)
YUV	207.8290, 19.8043, 41.3690
Hunter-Lab	76.8687, 36.6415, -20.4905

Details

The XYZ color **73.7086, 59.0880, 96.3272** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.2136, 84.1699, 57.7698**, and the grayscale version is **59.7098, 62.8194, 68.4103**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **39.3895, 29.5510, 52.9181** is the 20% darker color. If you saturate the color by 10%, you get **68.8222, 49.8725, 92.9801**, and if you desaturate by 10%, it is **79.5410, 70.1880, 100.0121**.

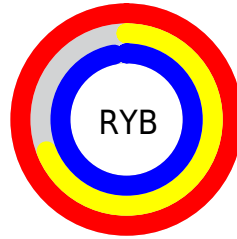
Distribution



Red (100%)

Green (69%)

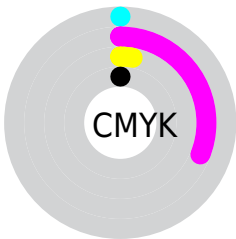
Blue (97%)



Red (100%)

Yellow (69%)

Blue (97%)

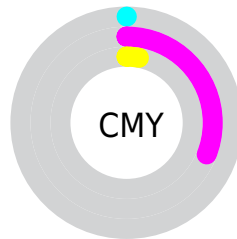


Cyan (0%)

Magenta (31%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7086, 59.0880, 96.3272 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 73.7086, 59.0880, 96.3272 by changing the saturation by 10% instead.


 73.7086, 59.0880,
96.3272

 73.7086, 59.0880,
96.3272


462.5329,
421.2280, 569.4977

 54.8460, 42.6840,
72.6371


 123.4804,
103.5056, 158.1082

 39.5118, 29.6372,
53.1893

155.1202,
132.2879, 197.0363

 27.3406, 19.5634,
37.5651


191.7499,
165.9650, 241.8807

 17.9671, 12.0781,
25.3461


233.7348,
204.9215, 293.0601

 11.0259, 6.7969,
16.1138

281.4401,
249.5416, 350.9929

 6.1517, 3.3354,
9.4495

335.2314,

 2.9791, 1.3092,

300.2098, 416.0978

4.9347

395.4738,
357.3105, 488.7932

■ 1.1427, 0.1483,
2.1509

■ 0.0604, 0.0000,
0.6458

■ 73.7086, 59.0880,
96.3272

■ 73.7086, 59.0880,
96.3272

■ 68.8222, 49.8725,
92.9801

■ 79.5410, 70.1880,
100.0121

■ 64.8250, 42.4290,
89.9494

■ 86.3639, 83.2627,
104.0473

■ 61.6605, 36.6441,
87.2170

■ 94.2239, 98.4047,
108.4492

■ 59.2638, 32.3882,
84.7613

■ 95.0500, 100.0000,
108.9000

■ 57.5607, 29.5127,
82.5573

■ 56.4618, 27.8392,
80.5752

■ 55.8633, 27.1093,
78.9355

Harmonies

Analogous

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



65.6385, 59.0880, 123.6469



73.7086, 59.0880, 96.3272



77.0068, 59.0880, 65.5285

Triad

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



73.7086, 59.0880, 96.3272



56.5759, 59.0880, 24.2755



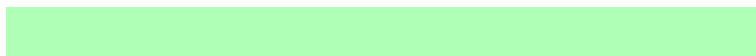
41.3087, 59.0880, 93.6672

Complementary

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



73.7086, 59.0880, 96.3272



62.2136, 84.1699, 57.7698

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.



39.4645, 59.0880, 63.1596



73.7086, 59.0880, 96.3272



47.6434, 59.0880, 27.8764

Square

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



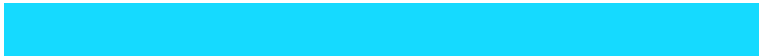
73.7086, 59.0880, 96.3272



66.4365, 59.0880, 28.5601



41.6466, 59.0880, 40.3520



47.0043, 59.0880, 121.8251

Rectangle

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



73.7086, 59.0880, 96.3272



75.7963, 59.0880, 48.6252



41.6466, 59.0880, 40.3520



40.2489, 59.0880, 83.1134

Sweetspot

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



73.7099, 59.0903, 96.3284



87.8350, 86.0911, 104.8885



53.0072, 48.2899, 101.1348



18.5678, 17.9801, 22.3177



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.



73.7099, 59.0903, 96.3284



70.6568, 53.3208, 94.2730



68.2652, 56.9125, 67.6570



18.7192, 18.2710, 22.4042



29.2186, 14.1767, 41.3969



2.8644, 1.3882, 4.1335

Inverse Universe

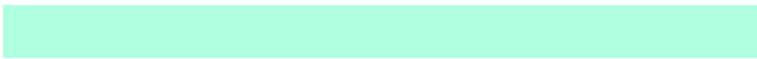
The Inverse Universe completely reimagines the original color for something new.



73.7099, 59.0903, 96.3284



70.6568, 53.3208, 94.2730



66.8621, 86.0293, 82.2488



18.7192, 18.2710, 22.4042



29.2186, 14.1767, 41.3969



2.8644, 1.3882, 4.1335

Previews

White Background



This preview shows how the XYZ color 73.7086, 59.0880, 96.3272 looks on a white background.

Color Contrast Check

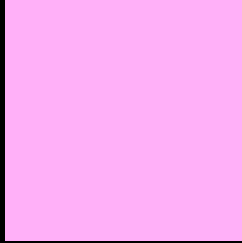
Large Text (above 18pt) WCAG AA × Fail

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 73.7086, 59.0880, 96.3272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

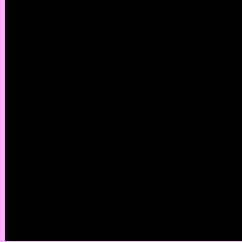
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7086, 59.0880, 96.3272

Background



This preview shows how black text looks on a background with the XYZ color 73.7086, 59.0880, 96.3272.



This preview shows how white text looks on a background with the XYZ color 73.7086, 59.0880,

96.3272.

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

73.7086, 59.0880, 96.3272

Protanopia

59.6757, 59.6847, 102.9828

Deuteranopia

60.8803, 59.4764, 93.8593



Tritanopia

66.8412, 59.0078, 62.5103

Trichromacy



Original Color

73.7086, 59.0880, 96.3272



Protanomaly

63.5717, 58.7246, 100.0799



Deuteranomaly

64.7137, 58.7916, 94.3233



Tritanomaly

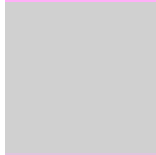
69.0360, 58.9749, 73.3903

Monochromacy



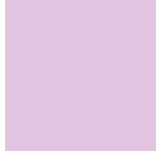
Original Color

73.7086, 59.0880, 96.3272



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

64.1105, 60.8151, 78.1715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7086, 59.0880, 96.3272 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(255, 176, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 248)  
}
```

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(255, 176, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 248) }
```

Border

The CSS property to change the border of an element to XYZ 73.7086, 59.0880, 96.3272 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(255, 176, 248) }
```


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

```
.border{ border-color:rgb(255, 176, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7086, 59.0880, 96.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 248) }
```

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

```
.background{ background-color: rgb(255,  
176, 248) }
```

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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