

Converting Colors

XYZ(59.7136, 42.8340, 59.0359)

Have a look what the booklet for
XYZ(59.7136, 42.8340, 59.0359)
contains.

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Color

**XYZ(59.7625, 42.8975,
59.1630)**

Conversions

Conversions Part 1	
Format	Color
Hex	FD89C7
RGB	253, 137, 199
RGB Percent	99%, 54%, 78%
CMY	0.0078, 0.4627, 0.2196
CMYK	0.00, 0.46, 0.21, 0.01
HSL	328°, 97%, 76%
HSV	328°, 46%, 99%
XYZ	59.7625, 42.8975, 59.1630
YIQ	178.7520, 49.2340, 43.8740

Conversions

Conversions Part 2

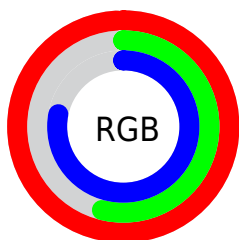
Format	Color
RYB	253, 137, 199
Decimal	16615879
CIELab	71.49, 51.26, -12.37
CIELCh	71, 52.730, 346.437
Yxy	42.8975, 0.3693, 0.2651
Android (android.graphics.Color)	4294805959 (0xFFFD89C7)
YUV	178.7520, 9.9823, 65.1155
Hunter-Lab	65.4962, 48.2554, -7.7096

Details

The XYZ color **59.7625, 42.8975, 59.1630** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.8478, 79.3318, 61.7158**, and the grayscale version is **42.6473, 44.8683, 48.8615**.

A 20% lighter version of the original color is **78.3600, 66.6199, 103.3367**, and **30.4522, 19.7002, 28.9856** is the 20% darker color. If you saturate the color by 10%, you get **55.2636, 36.0039, 51.1754**, and if you desaturate by 10%, it is **65.2129, 51.5237, 67.9908**.

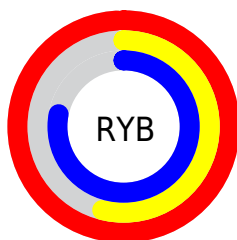
Distribution



Red (99%)

Green (54%)

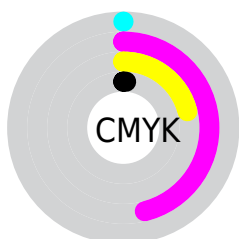
Blue (78%)



Red (99%)

Yellow (54%)

Blue (78%)

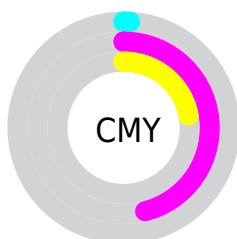


Cyan (0%)

Magenta (46%)

Yellow (21%)

Black (1%)



Cyan (1%)


Magenta (46%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7625, 42.8975, 59.1630 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 59.7625, 42.8975, 59.1630 by changing the saturation by 10% instead.


 59.7625, 42.8975,
59.1630


 59.7625, 42.8975,
59.1630


413.5706,
358.1901, 439.2244


 43.4760, 29.8047,
42.3235

 103.5934, 79.5562,
105.1460

 30.4549, 19.6904,
29.0272


 131.8684,
103.8908, 135.1265

 20.3339, 12.1702,
18.8556

 164.8703,
132.7415, 170.3245

 12.7477, 6.8597,
11.3903

202.9645,
166.4927, 211.1584

 7.3308, 3.3745,
6.2125

246.5162,
205.5288, 258.0468

 3.7180, 1.3302,
2.9039


295.8909,


 1.5439, 0.1644,


250.2341, 311.4082


1.0458


351.4539,
300.9931, 371.6612


 0.3554, 0.0000,
0.0000

 0.0000, 0.0000,
0.0000


 59.7625, 42.8975,
59.1630


 59.7625, 42.8975,
59.1630


 55.2636, 36.0039,
51.1754


 65.2129, 51.5237,
67.9908

 51.6502, 30.7161,
43.9932

 71.6672, 61.9853,
77.6865

 48.8534, 26.8999,
37.5814

 79.1786, 74.3843,
88.2792

 46.7916, 24.3962,
31.9004

 87.7951, 88.8133,
99.7956

■ 45.3641, 23.0076, 94.3183, 99.6228,
26.9033 108.8658

■ 44.8968, 22.6382,
25.0057

Harmonies

Analogous

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



54.4650, 42.8975, 89.2517



59.7625, 42.8975, 59.1630



59.4764, 42.8975, 34.1730

Triad

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



59.7625, 42.8975, 59.1630



36.1219, 42.8975, 13.7177



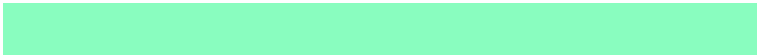
30.0849, 42.8975, 91.9542

Complementary

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



59.7625, 42.8975, 59.1630



54.8478, 79.3318, 61.7158

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.



26.4696, 42.8975, 61.9854



59.7625, 42.8975, 59.1630



29.5922, 42.8975, 20.4299

Square

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



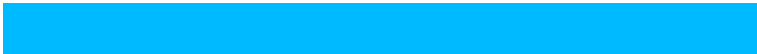
59.7625, 42.8975, 59.1630



44.9168, 42.8975, 13.4386



26.3034, 42.8975, 36.1367



36.8918, 42.8975, 112.3425

Rectangle

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



59.7625, 42.8975, 59.1630



56.1392, 42.8975, 23.2367



26.3034, 42.8975, 36.1367



28.5024, 42.8975, 82.2612

Sweetspot

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



59.7638, 42.8996, 59.1638



82.1384, 78.2751, 91.9615



47.7133, 35.8301, 97.3302



17.1981, 16.1166, 19.1605



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.



59.7638, 42.8996, 59.1638



56.6046, 37.1695, 52.7390



54.3981, 40.7533, 30.9089



18.4152, 18.1494, 20.8037



23.9578, 12.0724, 13.6939



2.3879, 1.1975, 1.6241

Inverse Universe

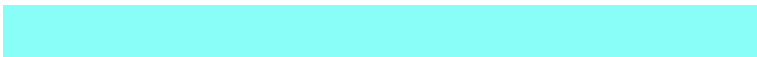
The Inverse Universe completely reimagines the original color for something new.



59.7638, 42.8996, 59.1638



56.6046, 37.1695, 52.7390



62.2627, 82.2977, 100.7618



18.4152, 18.1494, 20.8037



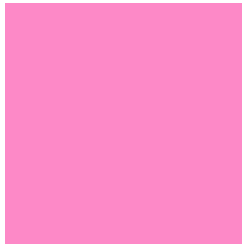
23.9578, 12.0724, 13.6939



2.3879, 1.1975, 1.6241

Previews

White Background



This preview shows how the XYZ color 59.7625, 42.8975, 59.1630 looks on a white background.

Color Contrast Check

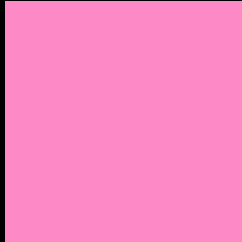
Large Text (above 18pt) WCAG AA × Fail

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 59.7625, 42.8975, 59.1630 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 59.7625, 42.8975, 59.1630

Background



This preview shows how black text looks on a background with the XYZ color 59.7625, 42.8975, 59.1630.



This preview shows how white text looks on a background with the XYZ color 59.7625, 42.8975,

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

59.7625, 42.8975, 59.1630

Protanopia

43.6949, 43.4405, 76.6029

Deuteranopia

43.9557, 43.1664, 56.4673






Tritanopia

55.1931, 42.7908, 36.8030

Trichromacy

	Original Color 59.7625, 42.8975, 59.1630
	Protanomaly 47.7756, 42.1318, 69.9042
	Deuteranomaly 48.5430, 42.2917, 57.2344
	Tritanomaly 56.5437, 42.6486, 44.2815

Monochromacy

	Original Color 59.7625, 42.8975, 59.1630
	Achromatopsia 42.8472, 45.0786, 49.0906
	Achromatomaly 47.5920, 43.2179, 52.2879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7625, 42.8975, 59.1630 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(253, 137, 199) looks like.

```
.text, #text, p{  
    color:rgb(253, 137, 199)  
}
```

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(253, 137, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 137, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.7625, 42.8975, 59.1630 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(253, 137, 199) }
```


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

```
.border{ border-color:rgb(253, 137, 199) }
```

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

Here you see how a box with a 4 pixel rgb(253, 137, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 137, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 137, 199);  
box-shadow:4px 4px 4px 4px rgb(253, 137,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7625, 42.8975, 59.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 137, 199) }
```

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

```
.background{ background-color: rgb(253,  
137, 199) }
```

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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