

Converting Colors

XYZ(59.4664, 40.2742, 61.7662)

Have a look what the booklet for
XYZ(59.4664, 40.2742, 61.7662)
contains.

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Color

**XYZ(59.4727, 40.2869,
61.7683)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7DCC
RGB	255, 125, 204
RGB Percent	100%, 49%, 80%
CMY	0.0000, 0.5098, 0.2000
CMYK	0.00, 0.51, 0.20, 0.00
HSL	324°, 100%, 75%
HSV	324°, 51%, 100%
XYZ	59.4727, 40.2869, 61.7683
YIQ	172.8760, 52.1210, 52.1290

Conversions

Conversions Part 2

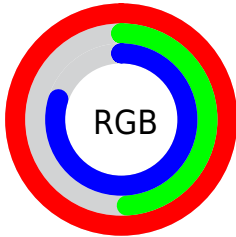
Format	Color
R _Y B	255, 125, 204
Decimal	16743884
CIE Lab	69.67, 58.38, -17.85
CIE LCh	70, 61.044, 342.997
Yxy	40.2869, 0.3682, 0.2494
Android (android.graphics.Color)	4294933964 (0xFFFF7DCC)
YUV	172.8760, 15.3441, 72.0227
Hunter-Lab	63.4720, 56.1771, -13.2682

Details

The XYZ color **59.4727, 40.2869, 61.7683** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **52.0556, 79.0154, 53.5856**, and the grayscale version is **39.5644, 41.6248, 45.3294**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **30.3981, 18.1940, 30.7638** is the 20% darker color. If you saturate the color by 10%, you get **55.4873, 34.1750, 54.7088**, and if you desaturate by 10%, it is **64.3657, 48.0902, 69.5116**.

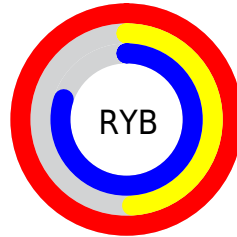
Distribution



Red (100%)

Green (49%)

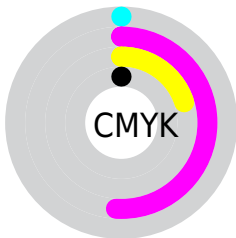
Blue (80%)



Red (100%)

Yellow (49%)

Blue (80%)

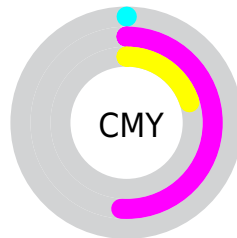


Cyan (0%)

Magenta (51%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (51%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4727, 40.2869, 61.7683 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 59.4727, 40.2869, 61.7683 by changing the saturation by 10% instead.


 59.4727, 40.2869,
61.7683


 59.4727, 40.2869,
61.7683


412.5174,
347.3313, 449.0697


 43.2416, 27.7623,
44.4109


 103.1751, 75.6002,
108.9589

 30.2701, 18.1466,
30.6541


 131.3771, 99.1577,
139.6293

 20.1928, 11.0553,
20.0794


 164.3000,
127.1616, 175.5744

 12.6443, 6.1040,
12.2681

202.3094,
159.9963, 217.2127

 7.2594, 2.9084,
6.8018

245.7704,
198.0463, 264.9629

 3.6726, 1.0841,
3.2619

295.0485,

 1.5186, 0.0000,

241.6958, 319.2434

1.2299

350.5091,
291.3294, 380.4729

■ 0.3385, 0.0000,
0.0032

■ 0.0000, 0.0000,
0.0000

■ 59.4727, 40.2869,
61.7683

■ 59.4727, 40.2869,
61.7683

■ 55.4873, 34.1750,
54.7088

■ 64.3657, 48.0902,
69.5116

■ 52.3402, 29.6189,
48.3015

■ 70.2226, 57.6958,
77.9629

■ 49.9566, 26.4712,
42.5146

■ 77.0983, 69.2115,
87.1477

■ 48.2459, 24.5528,
37.3105

■ 85.0429, 82.7349,
97.0893

■ 47.1528, 23.6251,
33.0664

94.1029, 98.3570,
107.8095

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.7561, 40.2869, 96.8758



59.4727, 40.2869, 61.7683



59.9347, 40.2869, 32.7364

Triad

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



59.4727, 40.2869, 61.7683



34.1777, 40.2869, 9.3487



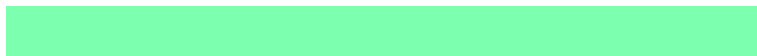
26.0143, 40.2869, 92.3875

Complementary

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



59.4727, 40.2869, 61.7683



52.0556, 79.0154, 53.5856

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.



22.6088, 40.2869, 57.2683



59.4727, 40.2869, 61.7683



26.7466, 40.2869, 14.9007

Square

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



59.4727, 40.2869, 61.7683



44.1172, 40.2869, 9.7042



22.8515, 40.2869, 29.8067



33.0026, 40.2869, 119.1332

Rectangle

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



59.4727, 40.2869, 61.7683



56.5280, 40.2869, 20.4140



22.8515, 40.2869, 29.8067



24.4711, 40.2869, 80.6484

Sweetspot

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



59.4737, 40.2887, 61.7691



81.7157, 77.0478, 92.9979



43.0274, 30.9843, 98.3205



17.1325, 15.8821, 19.4571



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.



59.4737, 40.2887, 61.7691



55.4793, 34.1631, 54.6936



53.3209, 37.8276, 29.3691



18.4731, 18.1726, 21.1085



24.7139, 12.3748, 17.6756



2.4600, 1.2264, 2.0039

Inverse Universe

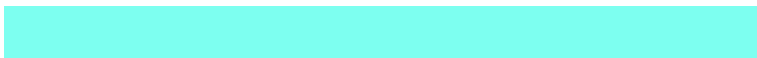
The Inverse Universe completely reimagines the original color for something new.



59.4737, 40.2887, 61.7691



55.4793, 34.1631, 54.6936



59.9221, 82.1619, 95.0096



18.4731, 18.1726, 21.1085



24.7139, 12.3748, 17.6756



2.4600, 1.2264, 2.0039

Previews

White Background



This preview shows how the XYZ color 59.4727, 40.2869, 61.7683 looks on a white background.

Color Contrast Check

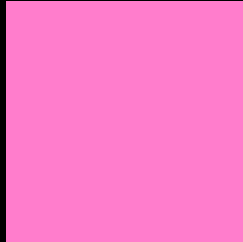
Large Text (above 18pt) WCAG AA × Fail

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 59.4727, 40.2869, 61.7683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

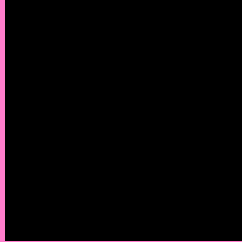
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4727, 40.2869, 61.7683

Background



This preview shows how black text looks on a background with the XYZ color 59.4727, 40.2869, 61.7683.



This preview shows how white text looks on a background with the XYZ color 59.4727, 40.2869,

61.7683.

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

59.4727, 40.2869, 61.7683

Protanopia

41.7605, 40.5827, 84.2295

Deuteranopia

41.1698, 40.3023, 58.4326



Tritanopia

53.2790, 40.1376, 32.5430

Trichromacy



Original Color

59.4727, 40.2869, 61.7683



Protanomaly

45.6690, 38.6571, 75.5756



Deuteranomaly

46.1205, 38.9999, 59.7405



Tritanomaly

55.2391, 40.1114, 41.8767

Monochromacy



Original Color

59.4727, 40.2869, 61.7683



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

45.1688, 39.9341, 50.6748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4727, 40.2869, 61.7683 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, 125, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 204)  
}
```

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, 125, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 204) }
```

Border

The CSS property to change the border of an element to XYZ 59.4727, 40.2869, 61.7683 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, 125, 204) }
```


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

```
.border{ border-color:rgb(255, 125, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4727, 40.2869, 61.7683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 204) }
```

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

```
.background{ background-color: rgb(255,  
125, 204) }
```

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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