

Converting Colors

XYZ(126.9469, 74.1641,
68.1606)

Have a look what the booklet for
XYZ(126.9469, 74.1641, 68.1606)
contains.

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Color

**XYZ(59.4651, 39.2964,
64.7724)**

Conversions

Conversions Part 1

Format	Color
Hex	FF78D1
RGB	255, 120, 209
RGB Percent	100%, 47%, 82%
CMY	0.0000, 0.5294, 0.1804
CMYK	0.00, 0.53, 0.18, 0.00
HSL	320°, 100%, 74%
HSV	320°, 53%, 100%
XYZ	59.4651, 39.2964, 64.7724
YIQ	170.5110, 51.8910, 56.2990

Conversions

Conversions Part 2

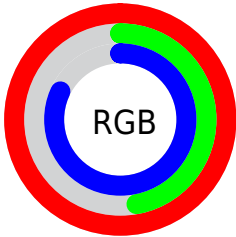
Format	Color
R _Y B	255, 120, 209
Decimal	16742609
CIE Lab	68.97, 61.41, -21.71
CIE LCh	69, 65.135, 340.527
Yxy	39.2964, 0.3636, 0.2403
Android (android.graphics.Color)	4294932689 (0xFFFF78D1)
YUV	170.5110, 18.9751, 74.0969
Hunter-Lab	62.6868, 59.6242, -17.3818

Details

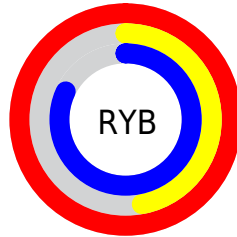
The XYZ color **59.4651, 39.2964, 64.7724** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.3903, 78.2670, 48.5307**, and the grayscale version is **38.3548, 40.3523, 43.9436**.

A 20% lighter version of the original color is **75.0121, 59.9243, 102.2207**, and **30.1159, 17.4902, 32.3605** is the 20% darker color. If you saturate the color by 10%, you get **55.7497, 33.5406, 58.3703**, and if you desaturate by 10%, it is **64.0574, 46.7119, 71.7572**.

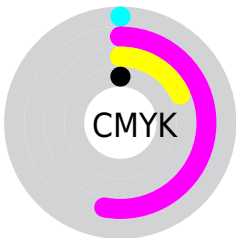
Distribution



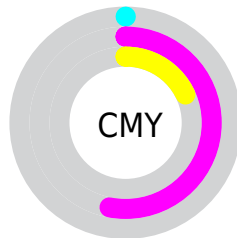
- Red (100%)
- Green (47%)
- Blue (82%)



- Red (100%)
- Yellow (47%)
- Blue (82%)



- Cyan (0%)
- Magenta (53%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4651, 39.2964, 64.7724 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 59.4651, 39.2964, 64.7724 by changing the saturation by 10% instead.


 59.4651, 39.2964,
64.7724


 59.4651, 39.2964,
64.7724


412.4897,
343.1490, 460.2574

 43.2354, 26.9904,
46.8264

 103.1641, 74.0909,
113.3327

 30.2652, 17.5660,
32.5451

 131.3642, 97.3482,
144.7841

 20.1891, 10.6389,
21.5099


 164.2851,
125.0247, 181.5743

 12.6416, 5.8245,
13.3024

202.2922,
157.5047, 224.1220

 7.2575, 2.7387,
7.5039

245.7508,
195.1728, 272.8456

 3.6714, 0.9969,
3.6960

295.0264,

 1.5180, 0.0000,

238.4133, 328.1636

1.4601

350.4843,
287.6106, 390.4948

■ 0.3380, 0.0000,
0.1879

■ 0.0000, 0.0000,
0.0000

■ 59.4651, 39.2964,
64.7724

■ 59.4651, 39.2964,
64.7724

■ 55.7497, 33.5406,
58.3703

■ 64.0574, 46.7119,
71.7572

■ 52.8412, 29.3062,
52.5216

■ 69.5838, 55.9004,
79.3470

■ 50.6627, 26.4410,
47.1966

■ 76.0998, 66.9712,
87.5649

■ 49.1202, 24.7584,
42.3591

■ 83.6555, 80.0233,
96.4320

■ 48.3179, 24.0912,
39.2019

■ 92.2977, 95.1488,
105.9681

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.



51.8540, 39.2964, 102.4814



59.4651, 39.2964, 64.7724



60.5687, 39.2964, 33.1837

Triad

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



59.4651, 39.2964, 64.7724



33.8261, 39.2964, 7.6295



24.1580, 39.2964, 91.6214

Complementary

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



59.4651, 39.2964, 64.7724



50.3903, 78.2670, 48.5307

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.



20.9834, 39.2964, 54.0846



59.4651, 39.2964, 64.7724



25.8393, 39.2964, 12.4154

Square

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



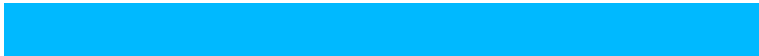
59.4651, 39.2964, 64.7724



44.3950, 39.2964, 8.3829



21.5359, 39.2964, 26.4419



31.0928, 39.2964, 122.3045

Rectangle

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



59.4651, 39.2964, 64.7724



57.2803, 39.2964, 19.8513



21.5359, 39.2964, 26.4419



22.6795, 39.2964, 78.8179

Sweetspot

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



59.4660, 39.2982, 64.7732



81.2289, 75.8111, 93.6470



40.2854, 28.6545, 98.0153



17.0492, 15.6436, 19.6510



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.



59.4660, 39.2982, 64.7732



55.4039, 33.0213, 57.7236



52.8779, 36.6629, 30.0805



18.5142, 18.1890, 21.3250



25.3199, 12.6173, 20.8669



2.5165, 1.2490, 2.3015

Inverse Universe

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



59.4660, 39.2982, 64.7732



55.4039, 33.0213, 57.7236



58.1435, 81.3683, 89.3589



18.5142, 18.1890, 21.3250



25.3199, 12.6173, 20.8669



2.5165, 1.2490, 2.3015

Previews

White Background



This preview shows how the XYZ color 59.4651, 39.2964, 64.7724 looks on a white background.

Color Contrast Check

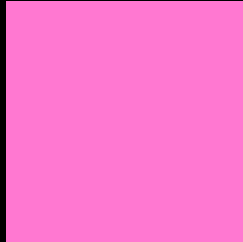
Large Text (above 18pt) WCAG AA × Fail

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 59.4651, 39.2964, 64.7724 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 59.4651, 39.2964, 64.7724

Background



This preview shows how black text looks on a background with the XYZ color 59.4651, 39.2964, 64.7724.



This preview shows how white text looks on a background with the XYZ color 59.4651, 39.2964,

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

59.4651, 39.2964, 64.7724

Protanopia

41.3155, 39.6728, 90.2741

Deuteranopia

40.4780, 39.6096, 61.3891



Tritanopia

52.2705, 39.0203, 31.1623

Trichromacy



Original Color

59.4651, 39.2964, 64.7724



Protanomaly

44.9384, 37.4548, 80.4623



Deuteranomaly

45.5863, 38.1820, 62.7248



Tritanomaly

54.7018, 39.0369, 41.6976

Monochromacy



Original Color

59.4651, 39.2964, 64.7724



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

44.3423, 38.5158, 50.9961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4651, 39.2964, 64.7724 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, 120, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 209)  
}
```

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, 120, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.4651, 39.2964, 64.7724 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, 120, 209) }
```


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

```
.border{ border-color:rgb(255, 120, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4651, 39.2964, 64.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 209) }
```

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

```
.background{ background-color: rgb(255,  
120, 209) }
```

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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