

Converting Colors

XYZ(59.9744, 39.3087, 68.0447)

Have a look what the booklet for
XYZ(59.9744, 39.3087, 68.0447)
contains.

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Color

**XYZ(59.9744, 39.3087,
68.0447)**

Conversions

Conversions Part 1

Format	Color
Hex	FF77D6
RGB	255, 119, 214
RGB Percent	100%, 47%, 84%
CMY	0.0000, 0.5333, 0.1608
CMYK	0.00, 0.53, 0.16, 0.00
HSL	318°, 100%, 73%
HSV	318°, 53%, 100%
XYZ	59.9744, 39.3087, 68.0447
YIQ	170.4940, 50.5610, 58.3770

Conversions

Conversions Part 2

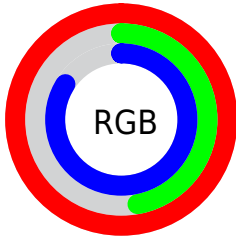
Format	Color
R_{YB}	255, 119, 214
Decimal	16742358
CIE _{Lab}	68.97, 62.59, -24.48
CIE _{LCh}	69, 67.207, 338.635
Yxy	39.3087, 0.3584, 0.2349
Android (android.graphics.Color)	4294932438 (0xFFFF77D6)
YUV	170.4940, 21.4485, 74.1118
Hunter-Lab	62.6967, 61.0305, -20.4598

Details

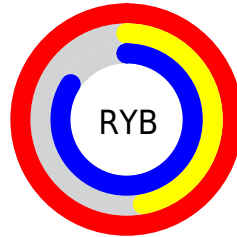
The XYZ color **59.9744, 39.3087, 68.0447** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.7145, 77.9807, 45.6923**, and the grayscale version is **38.3349, 40.3313, 43.9207**.

A 20% lighter version of the original color is **74.8153, 59.5307, 102.1551**, and **30.4863, 17.5506, 34.5817** is the 20% darker color. If you saturate the color by 10%, you get **56.3777, 33.6495, 62.1156**, and if you desaturate by 10%, it is **64.4334, 46.6178, 74.4907**.

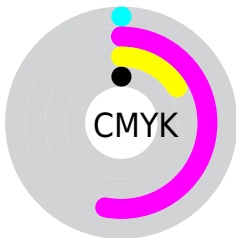
Distribution



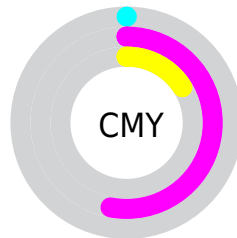
- Red (100%)
- Green (47%)
- Blue (84%)



- Red (100%)
- Yellow (47%)
- Blue (84%)



- Cyan (0%)
- Magenta (53%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9744, 39.3087, 68.0447 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 59.9744, 39.3087, 68.0447 by changing the saturation by 10% instead.

59.9744, 39.3087,
68.0447

59.9744, 39.3087,
68.0447

414.3397,
343.2012, 472.2567

43.6474, 27.0000,
49.4672

103.8991, 74.1097,
118.0709

30.5901, 17.5732,
34.6220

132.2275, 97.3707,
150.3567

20.4372, 10.6440,
23.0906

165.2870,
125.0513, 188.0490

12.8234, 5.8280,
14.4545

203.4431,
157.5358, 231.5663

7.3832, 2.7408,
8.2951

247.0610,
195.2086, 281.3272

3.7513, 0.9979,
4.1939

296.5062,

1.5624, 0.0000,

238.4542, 337.7502

1.7323

352.1440,
287.6569, 401.2539

■ 0.3677, 0.0000,
0.3827

■ 0.0000, 0.0000,
0.0000

■ 59.9744, 39.3087,
68.0447

■ 59.9744, 39.3087,
68.0447

■ 56.3777, 33.6495,
62.1156

■ 64.4334, 46.6178,
74.4907

■ 53.5729, 29.5013,
56.6757

■ 69.8116, 55.6904,
81.4744

■ 51.4832, 26.7110,
51.6964

■ 76.1644, 66.6361,
89.0176

■ 50.0138, 25.0904,
47.1430

■ 83.5419, 79.5542,
97.1401

■ 49.2882, 24.4793,
44.3111

■ 91.9907, 94.5367,
105.8601

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.



51.7299, 39.3087, 107.2669



59.9744, 39.3087, 68.0447



61.6071, 39.3087, 34.5522

Triad

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



59.9744, 39.3087, 68.0447



34.3582, 39.3087, 6.9847



23.4890, 39.3087, 91.1143

Complementary

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



59.9744, 39.3087, 68.0447



49.7145, 77.9807, 45.6923

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.



20.4939, 39.3087, 52.2669



59.9744, 39.3087, 68.0447



25.9357, 39.3087, 11.3079

Square

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



59.9744, 39.3087, 68.0447



45.3664, 39.3087, 8.0436



21.2950, 39.3087, 24.7285



30.3588, 39.3087, 124.4247

Rectangle

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



59.9744, 39.3087, 68.0447



58.4761, 39.3087, 20.3240



21.2950, 39.3087, 24.7285



22.0616, 39.3087, 77.6876

Sweetspot

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



59.9754, 39.3105, 68.0455



81.4695, 75.9074, 94.9140



39.1060, 27.8689, 97.9259



17.1068, 15.6667, 19.9543



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.



59.9754, 39.3105, 68.0455



56.1659, 33.3261, 61.7364



53.0420, 36.5371, 31.5349



18.5457, 18.2016, 21.4908



25.8234, 12.8187, 23.5184



2.5628, 1.2675, 2.5451

Inverse Universe

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



59.9754, 39.3105, 68.0455



56.1659, 33.3261, 61.7364



57.3448, 81.0329, 85.8729



18.5457, 18.2016, 21.4908



25.8234, 12.8187, 23.5184



2.5628, 1.2675, 2.5451

Previews

White Background



This preview shows how the XYZ color 59.9744, 39.3087, 68.0447 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 59.9744, 39.3087, 68.0447 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 59.9744, 39.3087, 68.0447

Background



This preview shows how black text looks on a background with the XYZ color 59.9744, 39.3087, 68.0447.



This preview shows how white text looks on a background with the XYZ color 59.9744, 39.3087,

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

59.9744, 39.3087, 68.0447

Protanopia

41.8760, 39.8373, 95.9247

Deuteranopia

40.3216, 39.4735, 63.8865



Tritanopia

52.4862, 39.3287, 31.6129

Trichromacy



Original Color

59.9744, 39.3087, 68.0447



Protanomaly

45.3249, 37.5544, 84.9806



Deuteranomaly

45.3872, 37.7890, 65.2234



Tritanomaly

54.8896, 39.1120, 42.6866

Monochromacy



Original Color

59.9744, 39.3087, 68.0447



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

44.0169, 38.0959, 51.4877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9744, 39.3087, 68.0447 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, 119, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 214)  
}
```

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, 119, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 214) }
```

Border

The CSS property to change the border of an element to XYZ 59.9744, 39.3087, 68.0447 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, 119, 214) }
```


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

```
.border{ border-color:rgb(255, 119, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9744, 39.3087, 68.0447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 214) }
```

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

```
.background{ background-color: rgb(255,  
119, 214) }
```

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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