

Converting Colors

XYZ(55.5915, 35.0714, 59.5994)

Have a look what the booklet for
XYZ(55.5915, 35.0714, 59.5994)
contains.

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Color

**XYZ(55.5984, 35.0816,
59.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	FB6ACA
RGB	251, 106, 202
RGB Percent	98%, 42%, 79%
CMY	0.0157, 0.5843, 0.2078
CMYK	0.00, 0.58, 0.20, 0.02
HSL	320°, 95%, 70%
HSV	320°, 58%, 98%
XYZ	55.5984, 35.0816, 59.7182
YIQ	160.2990, 55.6040, 60.5960

Conversions

Conversions Part 2

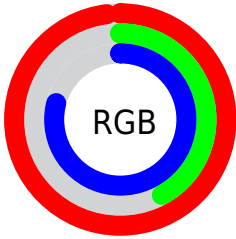
Format	Color
R _Y B	251, 106, 202
Decimal	16476874
CIE Lab	65.81, 65.52, -22.66
CIE LCh	66, 69.330, 340.926
Yxy	35.0816, 0.3697, 0.2333
Android (android.graphics.Color)	4294666954 (0xFFFB6ACA)
YUV	160.2990, 20.5586, 79.5448
Hunter-Lab	59.2297, 63.9043, -18.3182

Details

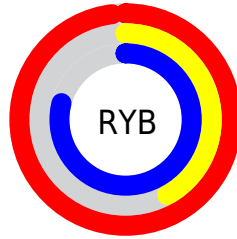
The XYZ color **55.5984, 35.0816, 59.7182** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **46.3592, 74.4263, 42.9361**, and the grayscale version is **33.4431, 35.1847, 38.3162**.

A 20% lighter version of the original color is **72.3872, 54.6744, 101.3457**, and **27.7695, 15.0913, 29.4663** is the 20% darker color. If you saturate the color by 10%, you get **52.4031, 30.2539, 53.8333**, and if you desaturate by 10%, it is **59.6079, 41.4482, 66.1475**.

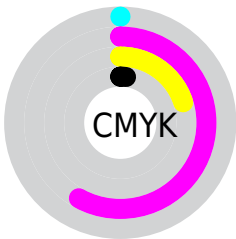
Distribution



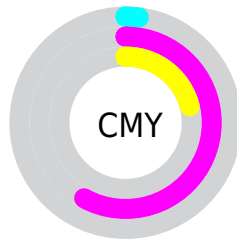
- Red (98%)
- Green (42%)
- Blue (79%)



- Red (98%)
- Yellow (42%)
- Blue (79%)



- Cyan (0%)
- Magenta (58%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5984, 35.0816, 59.7182 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 55.5984, 35.0816, 59.7182 by changing the saturation by 10% instead.


 55.5984, 35.0816,
59.7182

 55.5984, 35.0816,
59.7182

398.2759,
324.9284, 441.3341


 40.1168, 23.7257,
42.7677

 97.5604, 67.6122,
105.9601


 27.8142, 15.1303,
29.3729

 124.7714, 89.5556,
136.0887

 18.3254, 8.9109,
19.1151


 156.6230,
115.7971, 171.4470

 11.2850, 4.6831,
11.5758

 193.4804,
146.7210, 212.4536

 6.3275, 2.0626,
6.3365

235.7090,
182.7117, 259.5271

 3.0878, 0.6434,
2.9787

283.6743,

 1.2004, 0.0000,

224.1535, 313.0860

1.0838

337.7414,
271.4310, 373.5488

■ 0.1067, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5984, 35.0816,
59.7182

■ 55.5984, 35.0816,
59.7182

■ 52.4031, 30.2539,
53.8333

■ 59.6079, 41.4482,
66.1475

■ 49.9495, 26.8234,
48.4635


■ 64.4890, 49.4688,
73.1436


■ 48.1576, 24.6307,
43.5778


■ 70.2976, 59.2533,
80.7298


■ 46.9192, 23.4609,
39.1358

■ 77.0838, 70.9008,
88.9266

 46.6830, 23.2690,
38.1918

 84.8942, 84.5028,
97.7536

 93.2569, 99.1146,
107.0573

 93.5939, 99.2494,
108.8319

Harmonies

Analogous

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



47.9578, 35.0816, 98.5131



55.5984, 35.0816, 59.7182



56.6215, 35.0816, 28.4857

Triad

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



55.5984, 35.0816, 59.7182



29.7535, 35.0816, 5.2908



20.5828, 35.0816, 88.2499

Complementary

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



55.5984, 35.0816, 59.7182



46.3592, 74.4263, 42.9361

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.



17.5217, 35.0816, 49.8992



55.5984, 35.0816, 59.7182



22.0487, 35.0816, 9.4895

Square

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



55.5984, 35.0816, 59.7182



40.1925, 35.0816, 5.8649



17.9968, 35.0816, 22.5902



27.3213, 35.0816, 119.9853

Rectangle

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



55.5984, 35.0816, 59.7182



53.2198, 35.0816, 15.9476



17.9968, 35.0816, 22.5902



19.1587, 35.0816, 75.0722

Sweetspot

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



55.5995, 35.0833, 59.7189



80.4763, 74.4843, 92.8463



35.9585, 24.1781, 94.0390



16.9011, 15.3823, 19.4940



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.



55.5995, 35.0833, 59.7189



53.9509, 30.8237, 55.0554



48.9797, 32.4354, 24.8593



17.7291, 17.4190, 20.4294



24.6091, 12.2594, 20.4476



2.3287, 1.1552, 2.1542

Inverse Universe

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



55.5995, 35.0833, 59.7189



53.9509, 30.8237, 55.0554



54.2846, 77.5964, 84.6704



17.7291, 17.4190, 20.4294



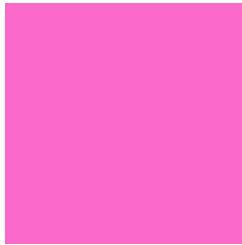
24.6091, 12.2594, 20.4476



2.3287, 1.1552, 2.1542

Previews

White Background



This preview shows how the XYZ color 55.5984, 35.0816, 59.7182 looks on a white background.

Color Contrast Check

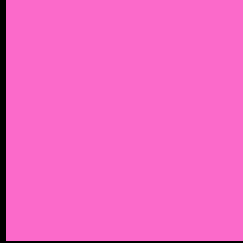
Large Text (above 18pt) WCAG AA × Fail

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 55.5984, 35.0816, 59.7182 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 55.5984, 35.0816, 59.7182

Background



This preview shows how black text looks on a background with the XYZ color 55.5984, 35.0816, 59.7182.



This preview shows how white text looks on a background with the XYZ color 55.5984, 35.0816,

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

55.5984, 35.0816, 59.7182

Protanopia

37.6198, 35.7101, 88.1291

Deuteranopia

36.0927, 35.3799, 55.9657



Tritanopia

48.4879, 35.0377, 25.6801

Trichromacy



Original Color

55.5984, 35.0816, 59.7182



Protanomaly

40.7769, 33.1252, 76.9177



Deuteranomaly

40.9048, 33.4146, 57.1171



Tritanomaly

50.8049, 34.9311, 35.9629

Monochromacy



Original Color

55.5984, 35.0816, 59.7182



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

39.1083, 33.1888, 44.9023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5984, 35.0816, 59.7182 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(251, 106, 202)` looks like.

```
.text, #text, p{  
    color:rgb(251, 106, 202)  
}
```

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(251, 106, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 106, 202) }
```

Border

The CSS property to change the border of an element to XYZ 55.5984, 35.0816, 59.7182 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(251, 106, 202) }
```


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

```
.border{ border-color:rgb(251, 106, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 106, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 106, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 106, 202);  
box-shadow:4px 4px 4px 4px rgb(251, 106,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5984, 35.0816, 59.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 106, 202) }
```

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

```
.background{ background-color: rgb(251,  
106, 202) }
```

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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