

Converting Colors

XYZ(59.8061, 41.0167, 68.7651)

Have a look what the booklet for
XYZ(59.8061, 41.0167, 68.7651)
contains.

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Color

**XYZ(59.8997, 41.1160,
69.0691)**

Conversions

Conversions Part 1

Format	Color
Hex	FB81D7
RGB	251, 129, 215
RGB Percent	98%, 51%, 84%
CMY	0.0157, 0.4941, 0.1569
CMYK	0.00, 0.49, 0.14, 0.02
HSL	318°, 94%, 75%
HSV	318°, 49%, 98%
XYZ	59.8997, 41.1160, 69.0691
YIQ	175.2820, 45.1060, 52.6100

Conversions

Conversions Part 2

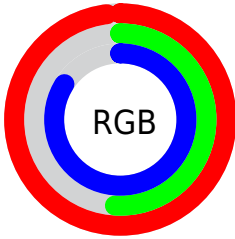
Format	Color
R _Y B	251, 129, 215
Decimal	16482775
CIE Lab	70.26, 56.88, -23.13
CIE LCh	70, 61.402, 337.875
Yxy	41.1160, 0.3522, 0.2417
Android (android.graphics.Color)	4294672855 (0xFFFB81D7)
YUV	175.2820, 19.5810, 66.4047
Hunter-Lab	64.1218, 54.5337, -18.9793

Details

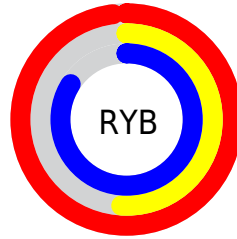
The XYZ color **59.8997, 41.1160, 69.0691** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.3439, 76.3795, 47.6898**, and the grayscale version is **40.7802, 42.9040, 46.7224**.

A 20% lighter version of the original color is **76.6390, 63.1779, 102.7630**, and **30.5322, 18.6421, 35.2468** is the 20% darker color. If you saturate the color by 10%, you get **56.0602, 34.9253, 63.1994**, and if you desaturate by 10%, it is **64.5968, 48.9516, 75.4381**.

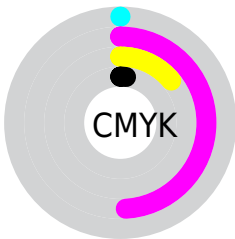
Distribution



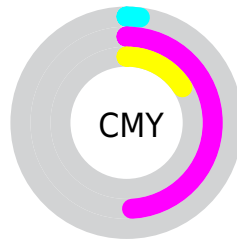
- Red (98%)
- Green (51%)
- Blue (84%)



- Red (98%)
- Yellow (51%)
- Blue (84%)



- Cyan (0%)
- Magenta (49%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (49%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8997, 41.1160, 69.0691 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 59.8997, 41.1160, 69.0691 by changing the saturation by 10% instead.


 59.8997, 41.1160,
69.0691


 59.8997, 41.1160,
69.0691


414.0686,
350.8052, 475.9752


 43.5869, 28.4097,
50.2959

 103.7913, 76.8600,
119.5489

 30.5424, 18.6348,
35.2757


 132.1009,
100.6664, 152.0926

 20.4008, 11.4067,
23.5901


 165.1402,
128.9418, 190.0634

 12.7967, 6.3411,
14.8205

203.2744,
162.0704, 233.8801

 7.3647, 3.0536,
8.5483

246.8690,
200.4366, 283.9611

 3.7396, 1.1598,
4.3550

296.2894,

 1.5559, 0.0285,

244.4249, 340.7249

1.8220

351.9008,
294.4196, 404.5901

■ 0.3634, 0.0000,
0.4424

■ 0.0000, 0.0000,
0.0000

■ 59.8997, 41.1160,
69.0691

■ 59.8997, 41.1160,
69.0691

■ 56.0602, 34.9253,
63.1994

■ 64.5968, 48.9516,
75.4381

■ 53.0133, 30.2523,
57.8033

■ 70.2025, 58.5353,
82.3249

■ 50.6907, 26.9609,
52.8557

■ 76.7684, 69.9685,
89.7498

■ 49.0102, 24.8875,
48.3262

■ 84.3408, 83.3433,
97.7309

■ 47.8546, 23.7985,
44.1729

■ 92.9633, 98.7457,
106.2852

■ 47.7130, 23.6810,
43.6152

■ 93.5941, 99.2494,
108.8319

Harmonies

Analogous

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



52.2125, 41.1160, 104.3539



59.8997, 41.1160, 69.0691



61.5676, 41.1160, 37.5928

Triad

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



59.8997, 41.1160, 69.0691



36.4864, 41.1160, 9.2422



25.7019, 41.1160, 88.1703

Complementary

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



59.8997, 41.1160, 69.0691



50.3439, 76.3795, 47.6898

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.



22.8667, 41.1160, 52.8034



59.8997, 41.1160, 69.0691



28.3570, 41.1160, 13.7130

Square

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



59.8997, 41.1160, 69.0691



46.8349, 41.1160, 10.5424



23.7474, 41.1160, 26.9628



32.2313, 41.1160, 118.2879

Rectangle

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



59.8997, 41.1160, 69.0691



58.8152, 41.1160, 23.5252



23.7474, 41.1160, 26.9628



24.3411, 41.1160, 76.0206

Sweetspot

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



59.9010, 41.1179, 69.0699



82.2740, 77.2711, 95.9378



40.4854, 30.5143, 95.0237



17.2674, 15.9360, 20.1675



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.



59.9010, 41.1179, 69.0699



58.3106, 36.5172, 65.8369



53.5884, 38.5929, 35.8285



17.7620, 17.4322, 20.6023



25.1466, 12.4744, 23.2782



2.3754, 1.1739, 2.4004

Inverse Universe

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



59.9010, 41.1179, 69.0699



58.3106, 36.5172, 65.8369



57.0836, 79.0754, 83.1807



17.7620, 17.4322, 20.6023



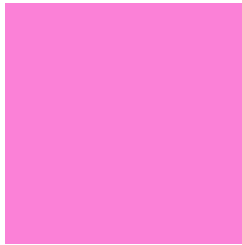
25.1466, 12.4744, 23.2782



2.3754, 1.1739, 2.4004

Previews

White Background



This preview shows how the XYZ color 59.8997, 41.1160, 69.0691 looks on a white background.

Color Contrast Check

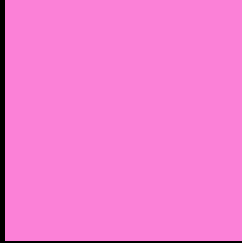
Large Text (above 18pt) WCAG AA × Fail

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 59.8997, 41.1160, 69.0691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

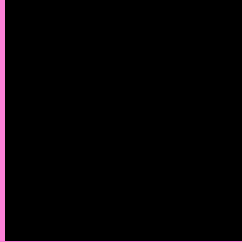
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8997, 41.1160, 69.0691

Background



This preview shows how black text looks on a background with the XYZ color 59.8997, 41.1160, 69.0691.



This preview shows how white text looks on a background with the XYZ color 59.8997, 41.1160,

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

59.8997, 41.1160, 69.0691

Protanopia

43.0689, 41.6379, 92.1531

Deuteranopia

42.1824, 41.2173, 65.4070



Tritanopia

52.7310, 40.8790, 35.2482

Trichromacy



Original Color

59.8997, 41.1160, 69.0691



Protanomaly

46.5802, 39.6975, 83.0492



Deuteranomaly

47.1329, 40.0937, 66.8827



Tritanomaly

55.1399, 40.8001, 46.0433

Monochromacy



Original Color

59.8997, 41.1160, 69.0691



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

46.1497, 40.8679, 54.1711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8997, 41.1160, 69.0691 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, 129, 215)` looks like.

```
.text, #text, p{  
    color:rgb(251, 129, 215)  
}
```

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, 129, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 129, 215) }
```

Border

The CSS property to change the border of an element to XYZ 59.8997, 41.1160, 69.0691 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, 129, 215) }
```


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

```
.border{ border-color:rgb(251, 129, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 129, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 129, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 129, 215); box-shadow:4px 4px 4px 4px rgb(251, 129, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8997, 41.1160, 69.0691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 129, 215) }
```

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

```
.background{ background-color: rgb(251,  
129, 215) }
```

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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