

Converting Colors

XYZ(59.8151, 46.0101, 60.9509)

Have a look what the booklet for
XYZ(59.8151, 46.0101, 60.9509)
contains.

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Color

**XYZ(59.9670, 46.1244,
61.0006)**

Conversions

Conversions Part 1

Format	Color
Hex	F797C9
RGB	247, 151, 201
RGB Percent	97%, 59%, 79%
CMY	0.0314, 0.4078, 0.2118
CMYK	0.00, 0.39, 0.19, 0.03
HSL	329°, 86%, 78%
HSV	329°, 39%, 97%
XYZ	59.9670, 46.1244, 61.0006
YIQ	185.4040, 41.1660, 35.9020

Conversions

Conversions Part 2

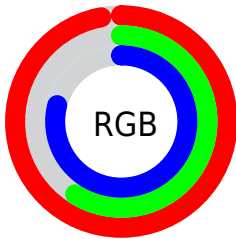
Format	Color
R_{YB}	247, 151, 201
Decimal	16226249
CIE _{Lab}	73.63, 42.52, -10.35
CIE _{LCh}	74, 43.760, 346.323
Yxy	46.1244, 0.3589, 0.2760
Android (android.graphics.Color)	4294416329 (0xFFFF797C9)
YUV	185.4040, 7.6888, 54.0197
Hunter-Lab	67.9149, 38.7594, -5.7133

Details

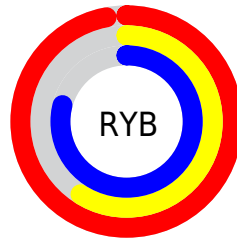
The XYZ color **59.9670, 46.1244, 61.0006** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.1034, 77.1334, 64.7582**, and the grayscale version is **46.2827, 48.6930, 53.0267**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **30.6204, 21.6608, 30.1708** is the 20% darker color. If you saturate the color by 10%, you get **55.0613, 38.4557, 52.7586**, and if you desaturate by 10%, it is **65.8154, 55.5057, 70.0872**.

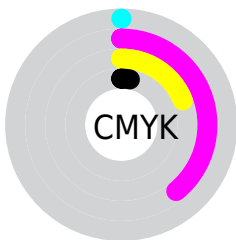
Distribution



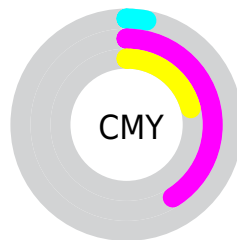
- Red (97%)
- Green (59%)
- Blue (79%)



- Red (97%)
- Yellow (59%)
- Blue (79%)



- Cyan (0%)
- Magenta (39%)
- Yellow (19%)
- Black (3%)




- Cyan (3%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9670, 46.1244, 61.0006 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 59.9670, 46.1244, 61.0006 by changing the saturation by 10% instead.

 59.9670, 46.1244,
61.0006


 59.9670, 46.1244,
61.0006


414.3128,
371.3086, 446.1828

 43.6414, 32.3440,
43.7951

 103.8884, 84.4051,
107.8373

 30.5854, 21.6244,
30.1734


 132.2149,
109.6743, 138.3057

 20.4336, 13.5812,
19.7171


165.2725,
139.5418, 174.0320

 12.8207, 7.8299,
12.0075

203.4264,
174.3920, 215.4349

 7.3814, 3.9863,
6.6262

247.0420,
214.6094, 262.9329

 3.7502, 1.6659,
3.1546

296.4847,

 1.5618, 0.4014,

260.5784, 316.9445

1.1741

352.1199,
312.6833, 377.8883

■ 0.3673, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9670, 46.1244,
61.0006

■ 59.9670, 46.1244,
61.0006

■ 55.0613, 38.4557,
52.7586

■ 65.8154, 55.5057,
70.0872

■ 51.0394, 32.3872,
45.3283

■ 72.6526, 66.6897,
80.0437

■ 47.8418, 27.8035,
38.6779

■ 80.5264, 79.7680,
90.8978

■ 45.3994, 24.5704,
32.7718

■ 89.4804, 94.8240,
102.6747

■ 43.6307, 22.5292,
27.5695

■ 92.1680, 98.5143,
108.7651

■ 42.4167, 21.4465,
23.0176

■ 42.2966, 21.3497,
22.5352

Harmonies

Analogous

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



55.5215, 46.1244, 85.8248



59.9670, 46.1244, 61.0006



59.7479, 46.1244, 39.1592

Triad

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



59.9670, 46.1244, 61.0006



39.7846, 46.1244, 19.3950



34.3353, 46.1244, 87.8317

Complementary

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



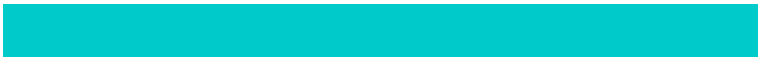
59.9670, 46.1244, 61.0006



56.1034, 77.1334, 64.7582

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.



31.0404, 46.1244, 63.1929



59.9670, 46.1244, 61.0006



33.9236, 46.1244, 26.1433

Square

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



59.9670, 46.1244, 61.0006



47.4576, 46.1244, 19.1258



30.8992, 46.1244, 40.7937



40.4108, 46.1244, 104.1317

Rectangle

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



59.9670, 46.1244, 61.0006



56.9717, 46.1244, 28.9510



30.8992, 46.1244, 40.7937



32.8989, 46.1244, 79.9710

Sweetspot

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



59.9684, 46.1266, 61.0015



83.7815, 81.0979, 93.9383



50.5701, 40.5601, 93.1598



17.6919, 16.9576, 19.7766



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.



59.9684, 46.1266, 61.0015



60.0683, 42.6872, 58.2392



55.2755, 44.2494, 36.2895



16.8596, 16.6267, 19.0072



22.4414, 11.3200, 12.2988



2.0243, 1.0157, 1.3545

Inverse Universe

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



59.9684, 46.1266, 61.0015



60.0683, 42.6872, 58.2392



62.3235, 79.6215, 97.5132



16.8596, 16.6267, 19.0072



22.4414, 11.3200, 12.2988



2.0243, 1.0157, 1.3545

Previews

White Background



This preview shows how the XYZ color 59.9670, 46.1244, 61.0006 looks on a white background.

Color Contrast Check

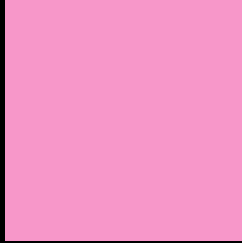
Large Text (above 18pt) WCAG AA × Fail

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 59.9670, 46.1244, 61.0006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

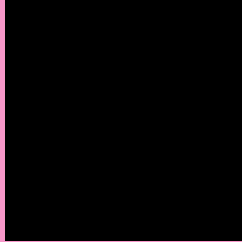
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9670, 46.1244, 61.0006

Background



This preview shows how black text looks on a background with the XYZ color 59.9670, 46.1244, 61.0006.



This preview shows how white text looks on a background with the XYZ color 59.9670, 46.1244,

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

59.9670, 46.1244, 61.0006

Protanopia

46.2528, 46.5805, 74.2633

Deuteranopia

47.3416, 46.2884, 59.2627



Tritanopia

56.5266, 46.2116, 43.4766

Trichromacy



Original Color

59.9670, 46.1244, 61.0006



Protanomaly

49.7514, 45.3221, 69.0767



Deuteranomaly

51.1631, 45.7117, 59.5527



Tritanomaly

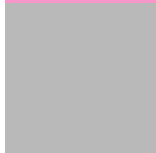
57.7180, 46.1914, 49.5898

Monochromacy



Original Color

59.9670, 46.1244, 61.0006



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

50.3600, 47.0586, 55.7192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9670, 46.1244, 61.0006 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(247, 151, 201)` looks like.

```
.text, #text, p{  
    color:rgb(247, 151, 201)  
}
```

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(247, 151, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 151, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.9670, 46.1244, 61.0006 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(247, 151, 201) }
```


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

```
.border{ border-color:rgb(247, 151, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 151, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 151, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 151, 201);  
box-shadow:4px 4px 4px 4px rgb(247, 151,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9670, 46.1244, 61.0006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 151, 201) }
```

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

```
.background{ background-color: rgb(247,  
151, 201) }
```

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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