

Converting Colors

XYZ(61.6091, 46.6435, 65.0604)

Have a look what the booklet for
XYZ(61.6091, 46.6435, 65.0604)
contains.

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Color

**XYZ(61.5932, 46.6417,
64.7879)**

Conversions

Conversions Part 1

Format	Color
Hex	FA96CF
RGB	250, 150, 207
RGB Percent	98%, 59%, 81%
CMY	0.0196, 0.4117, 0.1882
CMYK	0.00, 0.40, 0.17, 0.02
HSL	326°, 91%, 78%
HSV	326°, 40%, 98%
XYZ	61.5932, 46.6417, 64.7879
YIQ	186.3980, 41.3030, 38.9270

Conversions

Conversions Part 2

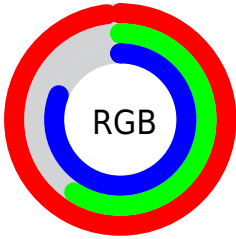
Format	Color
R_{YB}	250, 150, 207
Decimal	16422607
CIE _{Lab}	73.96, 44.92, -13.12
CIE _{LCh}	74, 46.798, 343.725
Yxy	46.6417, 0.3560, 0.2696
Android (android.graphics.Color)	4294612687 (0xFFFA96CF)
YUV	186.3980, 10.1568, 55.7790
Hunter-Lab	68.2947, 41.4686, -8.4392

Details

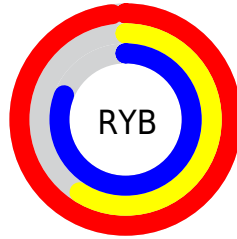
The XYZ color **61.5932, 46.6417, 64.7879** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.3910, 78.7069, 62.6756**, and the grayscale version is **46.8252, 49.2637, 53.6482**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **31.7627, 22.0558, 32.7201** is the 20% darker color. If you saturate the color by 10%, you get **56.7514, 38.9899, 56.9087**, and if you desaturate by 10%, it is **67.3782, 56.0355, 73.4240**.

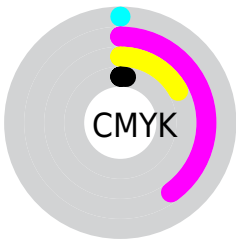
Distribution



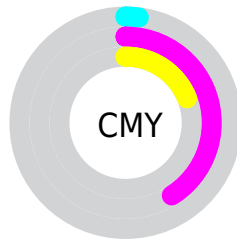
- Red (98%)
- Green (59%)
- Blue (81%)



- Red (98%)
- Yellow (59%)
- Blue (81%)



- Cyan (0%)
- Magenta (40%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5932, 46.6417, 64.7879 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 61.5932, 46.6417, 64.7879 by changing the saturation by 10% instead.


 61.5932, 46.6417,
64.7879


 61.5932, 46.6417,
64.7879


420.1869,
373.3825, 460.3147

 44.9584, 32.7525,
46.8389

 106.2306, 85.1785,
113.3552

 31.6258, 21.9369,
32.5549

 134.9640,
110.5950, 144.8106

 21.2300, 13.8105,
21.5173


168.4610,
140.6226, 181.6051

 13.4057, 7.9890,
13.3078

207.0869,
175.6458, 224.1574

 7.7874, 4.0879,
7.5076

251.2070,
216.0490, 272.8860

 4.0099, 1.7229,
3.6983

301.1869,

 1.7077, 0.4384,

262.2166, 328.2094

1.4613

357.3917,
314.5330, 390.5461

■ 0.4611, 0.0000,
0.1889

■ 0.0000, 0.0000,
0.0000

■ 61.5932, 46.6417,
64.7879

■ 61.5932, 46.6417,
64.7879

■ 56.7514, 38.9899,
56.9087

■ 67.3782, 56.0355,
73.4240

■ 52.7922, 32.9636,
49.7561

■ 74.1538, 67.2651,
82.8399

■ 49.6544, 28.4424,
43.3012

■ 81.9690, 80.4251,
93.0606

■ 47.2662, 25.2861,
37.5107

■ 90.8682, 95.6018,
104.1089

■ 45.5427, 23.3278,
32.3468

■ 93.2346, 99.0641,
108.8150

■ 44.3446, 22.2922,
27.7530

■ 44.3444, 22.2920,
27.7520

Harmonies

Analogous

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



56.3770, 46.6417, 91.7751



61.5932, 46.6417, 64.7879



61.8238, 46.6417, 40.6407

Triad

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



61.5932, 46.6417, 64.7879



40.6314, 46.6417, 17.9389



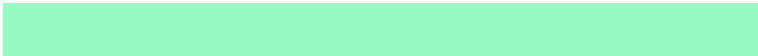
33.7143, 46.6417, 89.6450

Complementary

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



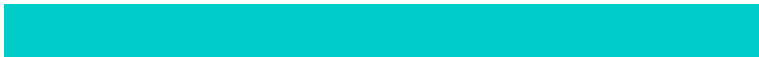
61.5932, 46.6417, 64.7879



56.3910, 78.7069, 62.6756

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.



30.4956, 46.6417, 62.4906



61.5932, 46.6417, 64.7879



34.1370, 46.6417, 24.2817

Square

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



61.5932, 46.6417, 64.7879



48.9838, 46.6417, 18.2049



30.6399, 46.6417, 38.9606



39.9836, 46.6417, 108.9257

Rectangle

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



61.5932, 46.6417, 64.7879



59.0662, 46.6417, 29.2996



30.6399, 46.6417, 38.9606



32.2769, 46.6417, 80.8208

Sweetspot

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



61.5946, 46.6439, 64.7888



84.0065, 81.1878, 95.1227



49.8177, 39.8804, 95.5152



17.7448, 16.9788, 20.0554



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.



61.5946, 46.6439, 64.7888



60.2768, 42.2073, 61.0740



56.5328, 44.6192, 38.1338



17.6592, 17.3910, 20.0610



23.5950, 11.8537, 15.1078



2.2384, 1.1191, 1.6790

Inverse Universe

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



61.5946, 46.6439, 64.7888



60.2768, 42.2073, 61.0740



62.7419, 81.2472, 96.1186



17.6592, 17.3910, 20.0610



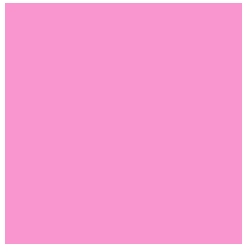
23.5950, 11.8537, 15.1078



2.2384, 1.1191, 1.6790

Previews

White Background



This preview shows how the XYZ color 61.5932, 46.6417, 64.7879 looks on a white background.

Color Contrast Check

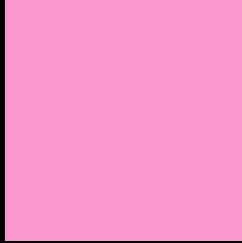
Large Text (above 18pt) WCAG AA × Fail

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 61.5932, 46.6417, 64.7879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

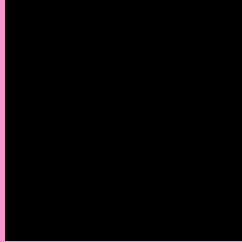
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5932, 46.6417, 64.7879

Background



This preview shows how black text looks on a background with the XYZ color 61.5932, 46.6417, 64.7879.



This preview shows how white text looks on a background with the XYZ color 61.5932, 46.6417,

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

61.5932, 46.6417, 64.7879

Protanopia

46.9810, 46.8465, 79.2392

Deuteranopia

47.8687, 46.7849, 62.3846



Tritanopia

57.2244, 46.5713, 43.5092

Trichromacy



Original Color

61.5932, 46.6417, 64.7879



Protanomaly

50.9257, 45.8226, 73.8707



Deuteranomaly

51.8692, 45.9941, 63.2707



Tritanomaly

58.4606, 46.3043, 50.6561

Monochromacy



Original Color

61.5932, 46.6417, 64.7879



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.9757, 47.3375, 57.4893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5932, 46.6417, 64.7879 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(250, 150, 207)` looks like.

```
.text, #text, p{  
    color:rgb(250, 150, 207)  
}
```

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(250, 150, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 150, 207) }
```

Border

The CSS property to change the border of an element to XYZ 61.5932, 46.6417, 64.7879 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(250, 150, 207) }
```


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

```
.border{ border-color:rgb(250, 150, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 150, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 150, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 150, 207);  
box-shadow:4px 4px 4px 4px rgb(250, 150,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5932, 46.6417, 64.7879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 150, 207) }
```

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

```
.background{ background-color: rgb(250,  
150, 207) }
```

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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