

Converting Colors

XYZ(121.9511, 77.8826,
58.6253)

Have a look what the booklet for
XYZ(121.9511, 77.8826, 58.6253)
contains.

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Color

**XYZ(61.6608, 46.8785,
55.6677)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96C0
RGB	255, 150, 192
RGB Percent	100%, 59%, 75%
CMY	0.0000, 0.4117, 0.2471
CMYK	0.00, 0.41, 0.25, 0.00
HSL	336°, 100%, 79%
HSV	336°, 41%, 100%
XYZ	61.6608, 46.8785, 55.6677
YIQ	186.1830, 49.0980, 35.3220

Conversions

Conversions Part 2

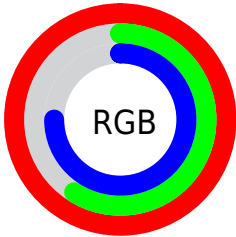
Format	Color
R _Y B	255, 150, 192
Decimal	16750272
CIE Lab	74.11, 44.43, -4.56
CIE LCh	74, 44.659, 354.143
Yxy	46.8785, 0.3755, 0.2855
Android (android.graphics.Color)	4294940352 (0xFFFF96C0)
YUV	186.1830, 2.8678, 60.3525
Hunter-Lab	68.4679, 40.9347, -0.2781

Details

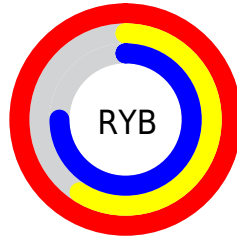
The XYZ color **61.6608, 46.8785, 55.6677** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.3499, 82.8091, 75.7577**, and the grayscale version is **46.7410, 49.1752, 53.5518**.

A 20% lighter version of the original color is **80.2546, 72.1799, 98.5092**, and **31.6998, 22.1492, 27.0306** is the 20% darker color. If you saturate the color by 10%, you get **56.4173, 38.9650, 45.9859**, and if you desaturate by 10%, it is **67.9682, 56.6374, 66.5748**.

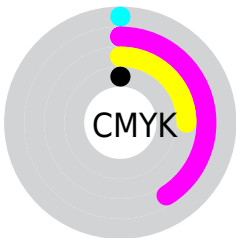
Distribution



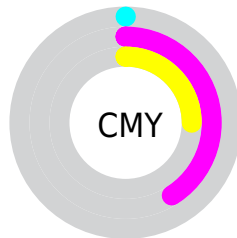
- Red (100%)
- Green (59%)
- Blue (75%)



- Red (100%)
- Yellow (59%)
- Blue (75%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6608, 46.8785, 55.6677 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 61.6608, 46.8785, 55.6677 by changing the saturation by 10% instead.


 61.6608, 46.8785,
55.6677

 61.6608, 46.8785,
55.6677


420.4300,
374.3293, 425.7911

 45.0132, 32.9396,
39.5344


 106.3278, 85.5322,
99.9995

 31.6692, 22.0802,
26.8647


 135.0780,
111.0159, 129.0350

 21.2633, 13.9158,
17.2401


168.5932,
141.1165, 163.2084

 13.4301, 8.0621,
10.2420

207.2386,
176.2187, 202.9380

 7.8044, 4.1347,
5.4520

251.3796,
216.7066, 248.6426

 4.0208, 1.7492,
2.4515

301.3816,

 1.7139, 0.4552,

262.9648, 300.7406

0.8143

357.6100,
315.3775, 359.6506

■ 0.4650, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6608, 46.8785,
55.6677

■ 61.6608, 46.8785,
55.6677

■ 56.4173, 38.9650,
45.9859

■ 67.9682, 56.6374,
66.5748

■ 52.1708, 32.7723,
37.4791

■ 75.3939, 68.3427,
78.7491

■ 48.8520, 28.1703,
30.0970

■ 83.9928, 82.0961,
92.2336

■ 46.3803, 25.0077,
23.7834

■ 93.8147, 97.9899,
107.0683

■ 44.6599, 23.1027, 95.0500, 100.0000,
18.4754 108.9000

■ 43.6379, 22.2192,
14.5571

Harmonies

Analogous

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



58.2097, 46.8785, 81.4108



61.6608, 46.8785, 55.6677



60.1043, 46.8785, 35.0734

Triad

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



61.6608, 46.8785, 55.6677



38.5615, 46.8785, 20.4913



36.1466, 46.8785, 95.6728

Complementary

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



61.6608, 46.8785, 55.6677



60.3499, 82.8091, 75.7577

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.



31.9519, 46.8785, 71.2451



61.6608, 46.8785, 55.6677



33.2250, 46.8785, 29.3572

Square

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



61.6608, 46.8785, 55.6677



46.1435, 46.8785, 18.5836



30.9498, 46.8785, 46.6813



43.0065, 46.8785, 108.5425

Rectangle

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



61.6608, 46.8785, 55.6677



56.5206, 46.8785, 26.1153



30.9498, 46.8785, 46.6813



34.4126, 46.8785, 88.2437

Sweetspot

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



61.6620, 46.8807, 55.6686



83.2367, 80.8799, 91.0689



56.3988, 43.1814, 99.9700



17.5638, 16.9064, 19.1023



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.



61.6620, 46.8807, 55.6686



57.4702, 40.5349, 47.9890



59.4043, 48.7797, 35.1415



18.3104, 18.1075, 20.2515



22.8705, 11.6375, 7.9688



2.2790, 1.1540, 1.0507

Inverse Universe

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



61.6620, 46.8807, 55.6686



57.4702, 40.5349, 47.9890



63.1305, 78.7078, 106.4725



18.3104, 18.1075, 20.2515



22.8705, 11.6375, 7.9688



2.2790, 1.1540, 1.0507

Previews

White Background



This preview shows how the XYZ color 61.6608, 46.8785, 55.6677 looks on a white background.

Color Contrast Check

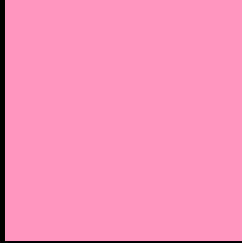
Large Text (above 18pt) WCAG AA × Fail

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 61.6608, 46.8785, 55.6677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

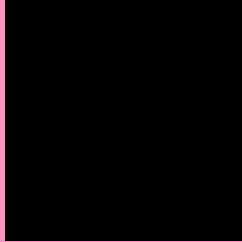
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6608, 46.8785, 55.6677

Background



This preview shows how black text looks on a background with the XYZ color 61.6608, 46.8785, 55.6677.



This preview shows how white text looks on a background with the XYZ color 61.6608, 46.8785,

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

61.6608, 46.8785, 55.6677

Protanopia

46.4132, 47.0980, 68.2726

Deuteranopia

47.9805, 47.0379, 53.5641



Tritanopia

58.7492, 46.8913, 42.0309

Trichromacy



Original Color

61.6608, 46.8785, 55.6677



Protanomaly

50.4506, 46.0882, 63.3636



Deuteranomaly

52.2174, 46.3716, 54.3426



Tritanomaly

59.6371, 46.7603, 46.4399

Monochromacy



Original Color

61.6608, 46.8785, 55.6677



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.8846, 47.3669, 54.0378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6608, 46.8785, 55.6677 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, 150, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 192)  
}
```

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, 150, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 192) }
```

Border

The CSS property to change the border of an element to XYZ 61.6608, 46.8785, 55.6677 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, 150, 192) }
```


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

```
.border{ border-color:rgb(255, 150, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6608, 46.8785, 55.6677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 192) }
```

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

```
.background{ background-color: rgb(255,  
150, 192) }
```

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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