

Converting Colors

XYZ(61.9614, 47.7745, 54.8589)

Have a look what the booklet for
XYZ(61.9614, 47.7745, 54.8589)
contains.

XYZ(61.9255, 47.7602, 54.6700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.9255, 47.7602,
54.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99BE
RGB	255, 153, 190
RGB Percent	100%, 60%, 75%
CMY	0.0000, 0.4000, 0.2549
CMYK	0.00, 0.40, 0.25, 0.00
HSL	338°, 100%, 80%
HSV	338°, 40%, 100%
XYZ	61.9255, 47.7602, 54.6700
YIQ	187.7160, 48.9150, 33.1310

Conversions

Conversions Part 2

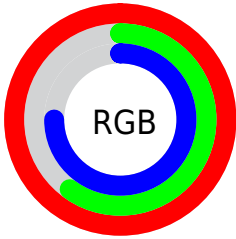
Format	Color
R_{YB}	255, 153, 190
Decimal	16751038
CIE _{Lab}	74.67, 42.62, -2.63
CIE _{LCh}	75, 42.705, 356.471
Yxy	47.7602, 0.3768, 0.2906
Android (android.graphics.Color)	4294941118 (0xFFFF99BE)
YUV	187.7160, 1.1260, 59.0081
Hunter-Lab	69.1088, 39.0062, 1.4735

Details

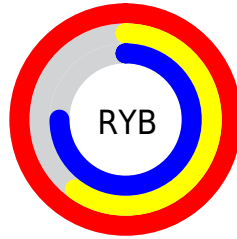
The XYZ color **61.9255, 47.7602, 54.6700** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.5538, 83.3552, 79.1786**, and the grayscale version is **47.6145, 50.0942, 54.5525**.

A 20% lighter version of the original color is **80.6750, 73.5147, 97.1265**, and **31.8375, 22.6562, 26.3620** is the 20% darker color. If you saturate the color by 10%, you get **56.5106, 39.6162, 44.5851**, and if you desaturate by 10%, it is **68.4326, 57.7713, 66.0972**.

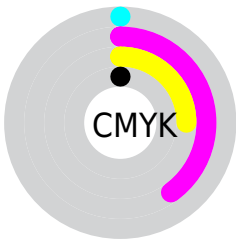
Distribution



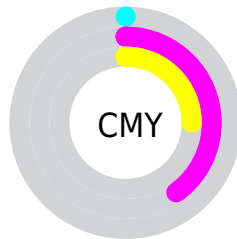
- Red (100%)
- Green (60%)
- Blue (75%)



- Red (100%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9255, 47.7602, 54.6700 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 61.9255, 47.7602, 54.6700 by changing the saturation by 10% instead.


 61.9255, 47.7602,
54.6700


 61.9255, 47.7602,
54.6700


421.3812,
377.8408, 421.9064

 45.2279, 33.6370,
38.7408

 106.7084, 86.8473,
98.5236

 31.8390, 22.6149,
26.2518


 135.5244,
112.5799, 127.2850

 21.3935, 14.3094,
16.7847


169.1105,
142.9512, 161.1609

 13.5260, 8.3362,
9.9208

207.8322,
178.3455, 200.5698

 7.8713, 4.3108,
5.2415

252.0547,
219.1473, 245.9303

 4.0638, 1.8489,
2.3285

302.1435,

 1.7383, 0.5174,

265.7408, 297.6609

0.7471

358.4639,
318.5105, 356.1801

■ 0.4801, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9255, 47.7602,
54.6700

■ 61.9255, 47.7602,
54.6700

■ 56.5106, 39.6162,
44.5851

■ 68.4326, 57.7713,
66.0972

■ 52.1206, 33.2155,
35.7864

■ 76.0868, 69.7499,
78.9138

■ 48.6857, 28.4295,
28.2178

■ 84.9433, 83.7969,
93.1680

■ 46.1256, 25.1089,
21.8167

95.0500, 100.0000,
108.9000

■ 44.3453, 23.0758,
16.5135

■ 43.1936, 22.0416,
12.2172

■ 43.1933, 22.0413,
12.2161

Harmonies

Analogous

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



58.9633, 47.7602, 79.2724



61.9255, 47.7602, 54.6700



60.0603, 47.7602, 35.2256

Triad

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



61.9255, 47.7602, 54.6700



39.0795, 47.7602, 22.4224



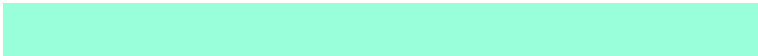
37.6615, 47.7602, 96.2319

Complementary

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



61.9255, 47.7602, 54.6700



61.5538, 83.3552, 79.1786

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.



33.3347, 47.7602, 73.4060



61.9255, 47.7602, 54.6700



34.0857, 47.7602, 31.8365

Square

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



61.9255, 47.7602, 54.6700



46.3167, 47.7602, 20.0105



32.1033, 47.7602, 49.4237



44.4849, 47.7602, 107.1896

Rectangle

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



61.9255, 47.7602, 54.6700



56.4336, 47.7602, 26.8201



32.1033, 47.7602, 49.4237



35.8981, 47.7602, 89.4244

Sweetspot

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



61.9267, 47.7624, 54.6709



83.0709, 80.8136, 90.1961



58.2370, 44.8489, 100.1950



17.5249, 16.8908, 18.8976



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.



61.9267, 47.7624, 54.6709



57.5083, 41.0999, 46.4949



60.7369, 51.0534, 36.7930



18.2816, 18.0960, 20.1003



22.6345, 11.5431, 6.7255



2.2540, 1.1440, 0.9191

Inverse Universe

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



61.9267, 47.7624, 54.6709



57.5083, 41.0999, 46.4949



62.7622, 77.1412, 106.1896



18.2816, 18.0960, 20.1003



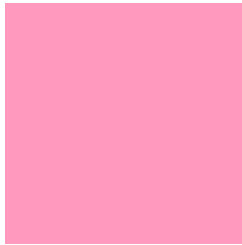
22.6345, 11.5431, 6.7255



2.2540, 1.1440, 0.9191

Previews

White Background



This preview shows how the XYZ color 61.9255, 47.7602, 54.6700 looks on a white background.

Color Contrast Check

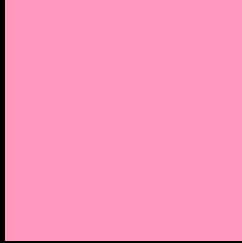
Large Text (above 18pt) WCAG AA × Fail

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 61.9255, 47.7602, 54.6700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

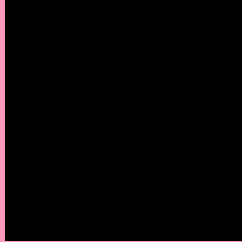
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9255, 47.7602, 54.6700

Background



This preview shows how black text looks on a background with the XYZ color 61.9255, 47.7602, 54.6700.



This preview shows how white text looks on a background with the XYZ color 61.9255, 47.7602,

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

61.9255, 47.7602, 54.6700

Protanopia

47.1410, 48.1243, 66.4788

Deuteranopia

48.8707, 47.8035, 53.1056



Tritanopia

59.7264, 47.8612, 43.6263

Trichromacy



Original Color

61.9255, 47.7602, 54.6700



Protanomaly

51.0273, 46.9875, 61.6384



Deuteranomaly

52.9764, 47.3359, 53.3583



Tritanomaly

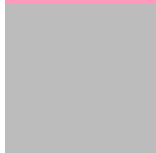
60.6973, 48.0221, 47.6651

Monochromacy



Original Color

61.9255, 47.7602, 54.6700



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.6667, 48.3311, 54.7498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9255, 47.7602, 54.6700 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, 153, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 190)  
}
```

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, 153, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 190) }
```

Border

The CSS property to change the border of an element to XYZ 61.9255, 47.7602, 54.6700 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, 153, 190) }
```


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

```
.border{ border-color:rgb(255, 153, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9255, 47.7602, 54.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 190) }
```

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

```
.background{ background-color: rgb(255,  
153, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor