

Converting Colors

XYZ(61.8319, 47.7227, 54.1773)

Have a look what the booklet for
XYZ(61.8319, 47.7227, 54.1773)
contains.

XYZ(61.8165, 47.7166, 54.0962)	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(61.8165, 47.7166,
54.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99BD
RGB	255, 153, 189
RGB Percent	100%, 60%, 74%
CMY	0.0000, 0.4000, 0.2588
CMYK	0.00, 0.40, 0.26, 0.00
HSL	339°, 100%, 80%
HSV	339°, 40%, 100%
XYZ	61.8165, 47.7166, 54.0962
YIQ	187.6020, 49.2360, 32.8200

Conversions

Conversions Part 2

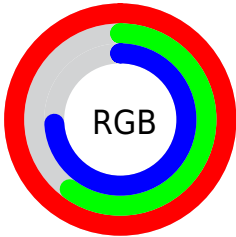
Format	Color
R_YB	255, 153, 189
Decimal	16751037
CIE Lab	74.65, 42.49, -2.12
CIE LCh	75, 42.542, 357.146
Yxy	47.7166, 0.3778, 0.2916
Android (android.graphics.Color)	4294941117 (0xFFFF99BD)
YUV	187.6020, 0.6892, 59.1080
Hunter-Lab	69.0772, 38.8528, 1.9225

Details

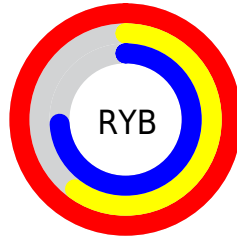
The XYZ color **61.8165, 47.7166, 54.0962** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.6851, 83.4077, 79.8701**, and the grayscale version is **47.5522, 50.0286, 54.4812**.

A 20% lighter version of the original color is **80.5219, 73.4535, 96.3202**, and **31.7661, 22.6277, 25.9859** is the 20% darker color. If you saturate the color by 10%, you get **56.3895, 39.5678, 43.9473**, and if you desaturate by 10%, it is **68.3416, 57.7349, 65.6176**.

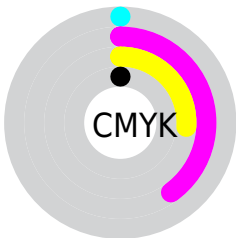
Distribution



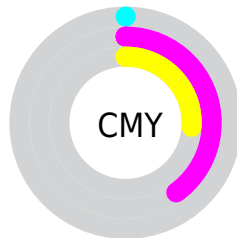
- Red (100%)
- Green (60%)
- Blue (74%)



- Red (100%)
- Yellow (60%)
- Blue (74%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8165, 47.7166, 54.0962 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 61.8165, 47.7166, 54.0962 by changing the saturation by 10% instead.


 61.8165, 47.7166,
54.0962


 61.8165, 47.7166,
54.0962


420.9897,
377.6677, 419.6617

 45.1395, 33.6025,
38.2849


 106.5517, 86.7823,
97.6733

 31.7691, 22.5884,
25.9003


 135.3406,
112.5027, 126.2762

 21.3398, 14.2899,
16.5240


168.8975,
142.8607, 159.9800

 13.4865, 8.3226,
9.7373

207.5878,
178.2406, 199.2032

 7.8437, 4.3020,
5.1218

251.7768,
219.0268, 244.3645

 4.0461, 1.8439,
2.2589

301.8299,

 1.7282, 0.5143,

265.6039, 295.8823

0.7081

358.1124,
318.3560, 354.1752

■ 0.4738, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8165, 47.7166,
54.0962

■ 61.8165, 47.7166,
54.0962

■ 56.3895, 39.5678,
43.9473

■ 68.3416, 57.7349,
65.6176

■ 51.9927, 33.1643,
35.1132

■ 76.0196, 69.7230,
78.5603

■ 48.5562, 28.3777,
27.5357

■ 84.9065, 83.7822,
92.9738

■ 45.9991, 25.0582,
21.1503

95.0500, 100.0000,
108.9000

■ 44.2260, 23.0281,
15.8853

■ 43.0854, 21.9983,
11.6471

■ 43.0851, 21.9980,
11.6461

Harmonies

Analogous

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



58.9711, 47.7166, 78.5379



61.8165, 47.7166, 54.0962



59.8541, 47.7166, 34.9019

Triad

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



61.8165, 47.7166, 54.0962



38.9241, 47.7166, 22.6080



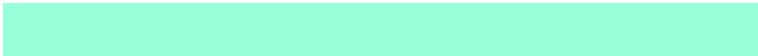
37.7819, 47.7166, 96.3678

Complementary

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



61.8165, 47.7166, 54.0962



61.6851, 83.4077, 79.8701

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.



33.4067, 47.7166, 73.8171



61.8165, 47.7166, 54.0962



34.0119, 47.7166, 32.1703

Square

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



61.8165, 47.7166, 54.0962



46.0947, 47.7166, 20.0569



32.1079, 47.7166, 49.8716



44.6197, 47.7166, 106.8940

Rectangle

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



61.8165, 47.7166, 54.0962



56.1934, 47.7166, 26.6460



32.1079, 47.7166, 49.8716



36.0053, 47.7166, 89.6779

Sweetspot

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



61.8177, 47.7188, 54.0971



83.0275, 80.7962, 89.9673



58.2370, 44.8489, 100.1950



17.5147, 16.8868, 18.8439



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.



61.8177, 47.7188, 54.0971



57.3891, 41.0522, 45.8676



60.7370, 51.0534, 36.7930



18.2741, 18.0930, 20.0606



22.5768, 11.5200, 6.4218



2.2478, 1.1415, 0.8863

Inverse Universe

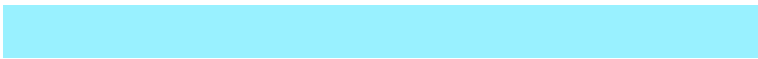
The Inverse Universe completely reimagines the original color for something new.



61.8177, 47.7188, 54.0971



57.3891, 41.0522, 45.8676



62.7623, 77.1412, 106.1896



18.2741, 18.0930, 20.0606



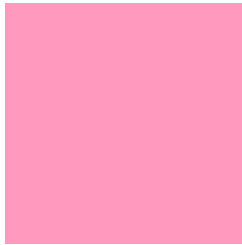
22.5768, 11.5200, 6.4218



2.2478, 1.1415, 0.8863

Previews

White Background



This preview shows how the XYZ color 61.8165, 47.7166, 54.0962 looks on a white background.

Color Contrast Check

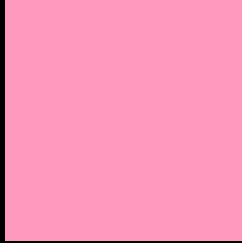
Large Text (above 18pt) WCAG AA × Fail

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 61.8165, 47.7166, 54.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

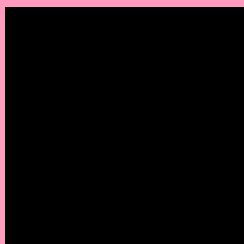
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8165, 47.7166, 54.0962

Background



This preview shows how black text looks on a background with the XYZ color 61.8165, 47.7166, 54.0962.



This preview shows how white text looks on a background with the XYZ color 61.8165, 47.7166,

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

61.8165, 47.7166, 54.0962

Protanopia

47.2520, 48.1957, 65.8437

Deuteranopia

48.7647, 47.7611, 52.5476



Tritanopia

59.6329, 47.8237, 43.1337

Trichromacy



Original Color

61.8165, 47.7166, 54.0962



Protanomaly

51.1903, 47.0851, 61.0339



Deuteranomaly

52.8697, 47.2933, 52.7964



Tritanomaly

60.5980, 47.9824, 47.1420

Monochromacy



Original Color

61.8165, 47.7166, 54.0962



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.5585, 48.2878, 54.1800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8165, 47.7166, 54.0962 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.8165, 47.7166, 54.0962 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, 189) }
```


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

```
.border{ border-color:rgb(255, 153, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8165, 47.7166, 54.0962 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
153, 189) }
```

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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