

Converting Colors

XYZ(62.0258, 46.7277, 58.5050)

Have a look what the booklet for
XYZ(62.0258, 46.7277, 58.5050)
contains.

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Color

**XYZ(62.0655, 46.7861,
58.5827)**

Conversions

Conversions Part 1

Format	Color
Hex	FF95C5
RGB	255, 149, 197
RGB Percent	100%, 58%, 77%
CMY	0.0000, 0.4157, 0.2274
CMYK	0.00, 0.42, 0.23, 0.00
HSL	333°, 100%, 79%
HSV	333°, 42%, 100%
XYZ	62.0655, 46.7861, 58.5827
YIQ	186.1660, 47.7680, 37.4000

Conversions

Conversions Part 2

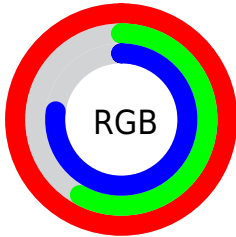
Format	Color
R_{YB}	255, 149, 197
Decimal	16750021
CIE _{Lab}	74.05, 45.63, -7.40
CIE _{LCh}	74, 46.223, 350.783
Yxy	46.7861, 0.3707, 0.2794
Android (android.graphics.Color)	4294940101 (0xFFFF95C5)
YUV	186.1660, 5.3412, 60.3674
Hunter-Lab	68.4004, 42.2677, -2.8997

Details

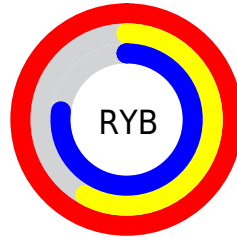
The XYZ color **62.0655, 46.7861, 58.5827** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.4188, 82.4155, 71.8112**, and the grayscale version is **46.7186, 49.1516, 53.5261**.

A 20% lighter version of the original color is **80.9607, 72.0784, 103.4114**, and **31.8151, 21.9034, 28.5375** is the 20% darker color. If you saturate the color by 10%, you get **56.9381, 38.9728, 49.3471**, and if you desaturate by 10%, it is **68.2263, 56.4291, 68.8940**.

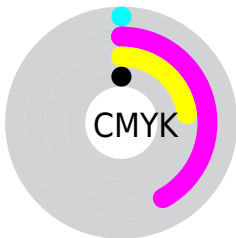
Distribution



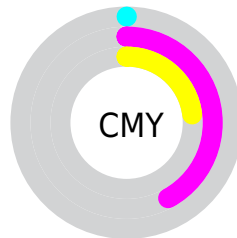
- Red (100%)
- Green (58%)
- Blue (77%)



- Red (100%)
- Yellow (58%)
- Blue (77%)



- Cyan (0%)
- Magenta (42%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0655, 46.7861, 58.5827 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 62.0655, 46.7861, 58.5827 by changing the saturation by 10% instead.


 62.0655, 46.7861,
58.5827


 62.0655, 46.7861,
58.5827


421.8837,
373.9601, 437.0125

 45.3414, 32.8666,
41.8595

 106.9096, 85.3942,
104.2941

 31.9289, 22.0243,
28.6665


 135.7603,
110.8517, 134.1193

 21.4625, 13.8747,
18.5853


169.3840,
140.9239, 169.1490

 13.5768, 8.0336,
11.1972

208.1459,
175.9952, 209.8016

 7.9067, 4.1164,
6.0838

252.4115,
216.4501, 256.4957

 4.0866, 1.7389,
2.8265

302.5461,

 1.7512, 0.4487,

262.6730, 309.6498

1.0067

358.9151,
315.0482, 369.6826

■ 0.4880, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0655, 46.7861,
58.5827

■ 62.0655, 46.7861,
58.5827

■ 56.9381, 38.9728,
49.3471

■ 68.2263, 56.4291,
68.8940

■ 52.7786, 32.8647,
41.1441

■ 75.4738, 68.0028,
80.3162

■ 49.5184, 28.3318,
33.9309

■ 83.8619, 81.6085,
92.8860

■ 47.0784, 25.2222,
27.6594

■ 93.4394, 97.3385,
106.6373

■ 45.3636, 23.3535, 95.0500, 100.0000,
22.2753 108.9000

■ 44.3614, 22.5085,
18.3668

Harmonies

Analogous

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



57.9473, 46.7861, 85.4626



62.0655, 46.7861, 58.5827



61.0364, 46.7861, 36.4437

Triad

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



62.0655, 46.7861, 58.5827



39.0667, 46.7861, 19.1463



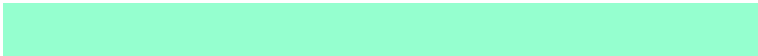
35.1617, 46.7861, 94.9468

Complementary

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



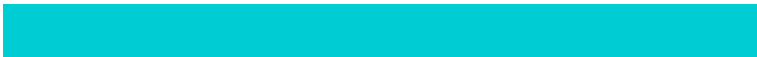
62.0655, 46.7861, 58.5827



59.4188, 82.4155, 71.8112

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.



31.2084, 46.7861, 68.8512



62.0655, 46.7861, 58.5827



33.2613, 46.7861, 27.2508

Square

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



62.0655, 46.7861, 58.5827



47.0622, 46.7861, 17.9368



30.5586, 46.7861, 43.9965



41.9724, 46.7861, 110.3421

Rectangle

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



62.0655, 46.7861, 58.5827



57.6150, 46.7861, 26.6280



30.5586, 46.7861, 43.9965



33.4918, 46.7861, 86.8144

Sweetspot

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



62.0666, 46.7882, 58.5836



83.4735, 80.9747, 92.3163



54.1236, 41.7725, 99.8180



17.6194, 16.9287, 19.3952



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.



62.0666, 46.7882, 58.5836



57.6756, 40.0808, 50.7243



57.9814, 46.0622, 34.2715



18.3513, 18.1238, 20.4673



23.2527, 11.7904, 9.9814



2.3183, 1.1697, 1.2573

Inverse Universe

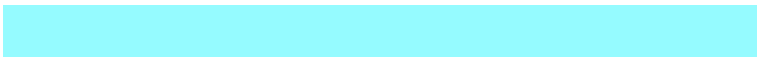
The Inverse Universe completely reimagines the original color for something new.



62.0666, 46.7882, 58.5836



57.6756, 40.0808, 50.7243



65.0888, 82.8966, 107.1778



18.3513, 18.1238, 20.4673



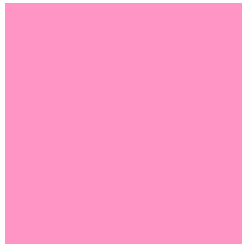
23.2527, 11.7904, 9.9814



2.3183, 1.1697, 1.2573

Previews

White Background



This preview shows how the XYZ color 62.0655, 46.7861, 58.5827 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 62.0655, 46.7861, 58.5827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

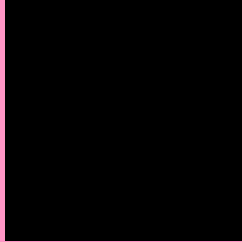
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0655, 46.7861, 58.5827

Background



This preview shows how black text looks on a background with the XYZ color 62.0655, 46.7861, 58.5827.



This preview shows how white text looks on a background with the XYZ color 62.0655, 46.7861,

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

62.0655, 46.7861, 58.5827

Protanopia

46.7275, 47.1715, 72.2878

Deuteranopia

48.0015, 46.9858, 56.4084



Tritanopia

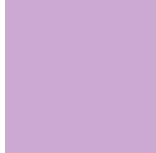
58.7492, 46.8913, 42.0309

Trichromacy



Original Color

62.0655, 46.7861, 58.5827



Protanomaly

50.7227, 45.8664, 67.1525



Deuteranomaly

52.1716, 46.2842, 57.2229



Tritanomaly

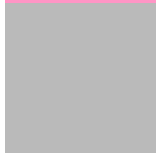
59.8351, 46.8394, 47.4822

Monochromacy



Original Color

62.0655, 46.7861, 58.5827



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.1018, 47.4537, 55.1813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0655, 46.7861, 58.5827 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, 149, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 197)  
}
```

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, 149, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 197) }
```

Border

The CSS property to change the border of an element to XYZ 62.0655, 46.7861, 58.5827 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, 149, 197) }
```


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

```
.border{ border-color:rgb(255, 149, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0655, 46.7861, 58.5827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 197) }
```

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

```
.background{ background-color: rgb(255,  
149, 197) }
```

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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