

Converting Colors

XYZ(70.3176, 51.5816, 62.0118)

Have a look what the booklet for
XYZ(70.3176, 51.5816, 62.0118)
contains.

XYZ(63.1289, 47.9807, 61.8111)	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(63.1289, 47.9807,
61.8111)**

Conversions

Conversions Part 1

Format	Color
Hex	FF98CA
RGB	255, 152, 202
RGB Percent	100%, 60%, 79%
CMY	0.0000, 0.4039, 0.2078
CMYK	0.00, 0.40, 0.21, 0.00
HSL	331°, 100%, 80%
HSV	331°, 40%, 100%
XYZ	63.1289, 47.9807, 61.8111
YIQ	188.4970, 45.3380, 37.3860

Conversions

Conversions Part 2

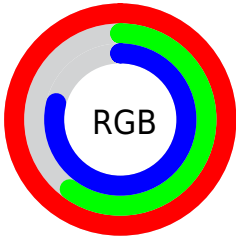
Format	Color
R _Y B	255, 152, 202
Decimal	16750794
CIE Lab	74.81, 44.81, -9.03
CIE LCh	75, 45.714, 348.610
Yxy	47.9807, 0.3651, 0.2775
Android (android.graphics.Color)	4294940874 (0xFFFF98CA)
YUV	188.4970, 6.6570, 58.3231
Hunter-Lab	69.2681, 41.4604, -4.4195

Details

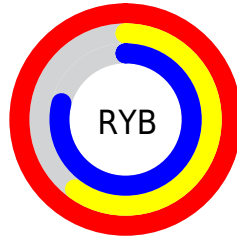
The XYZ color **63.1289, 47.9807, 61.8111** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.7302, 82.6041, 70.5571**, and the grayscale version is **48.0290, 50.5303, 55.0275**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **32.5721, 22.7976, 30.7006** is the 20% darker color. If you saturate the color by 10%, you get **57.9380, 39.9804, 52.7387**, and if you desaturate by 10%, it is **69.3439, 57.8173, 71.8779**.

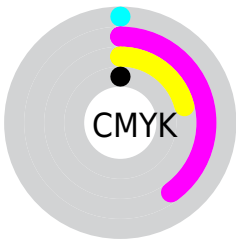
Distribution



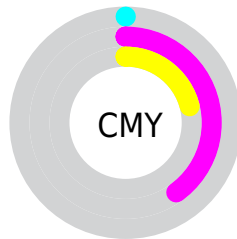
- Red (100%)
- Green (60%)
- Blue (79%)



- Red (100%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1289, 47.9807, 61.8111 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 63.1289, 47.9807, 61.8111 by changing the saturation by 10% instead.


 63.1289, 47.9807,
61.8111


 63.1289, 47.9807,
61.8111


425.6894,
378.7156, 449.2303

 46.2045, 33.8116,
44.4453

 108.4362, 87.1757,
109.0214

 32.6126, 22.7489,
30.6810


 137.5499,
112.9703, 139.7030

 21.9876, 14.4082,
20.0996


171.4574,
143.4090, 175.6602

 13.9644, 8.4051,
12.2827

210.5240,
178.8760, 217.3117

 8.1774, 4.3553,
6.8116

255.1152,
219.7558, 265.0759

 4.2614, 1.8742,
3.2679

305.5962,

 1.8511, 0.5328,

266.4327, 319.3714

1.2330

362.3325,
319.2912, 380.6167

■ 0.5482, 0.0000,
0.0059

■ 0.0000, 0.0000,
0.0000

■ 63.1289, 47.9807,
61.8111

■ 63.1289, 47.9807,
61.8111

■ 57.9380, 39.9804,
52.7387

■ 69.3439, 57.8173,
71.8779

■ 53.7068, 33.6936,
44.6213

■ 76.6351, 69.5899,
82.9702

■ 50.3688, 28.9924,
37.4206

■ 85.0550, 83.3987,
95.1213

■ 47.8468, 25.7281,
31.0933

■ 94.6516, 99.3348,
108.3616

■ 46.0490, 23.7231,
25.5906

95.0500, 100.0000,
108.9000

■ 44.8642, 22.7097,
21.0150

Harmonies

Analogous

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



58.6720, 47.9807, 88.7146



63.1289, 47.9807, 61.8111



62.4844, 47.9807, 38.9586

Triad

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



63.1289, 47.9807, 61.8111



40.6931, 47.9807, 19.7690



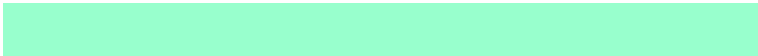
35.8347, 47.9807, 94.6407

Complementary

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



63.1289, 47.9807, 61.8111



59.7302, 82.6041, 70.5571

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.



32.0760, 47.9807, 68.2481



63.1289, 47.9807, 61.8111



34.6369, 47.9807, 27.4522

Square

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



63.1289, 47.9807, 61.8111



48.8331, 47.9807, 18.9990



31.6659, 47.9807, 43.7167



42.5209, 47.9807, 111.1645

Rectangle

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



63.1289, 47.9807, 61.8111



59.2635, 47.9807, 28.5750



31.6659, 47.9807, 43.7167



34.2237, 47.9807, 86.3151

Sweetspot

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



63.1301, 47.9829, 61.8120



83.6208, 81.0336, 93.0918



54.0451, 42.4458, 99.9521



17.6540, 16.9425, 19.5775



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.



63.1301, 47.9829, 61.8120



59.0889, 41.7322, 54.8185



58.1373, 45.9858, 35.5205



18.3768, 18.1340, 20.6012



23.5173, 11.8962, 11.3745



2.3447, 1.1803, 1.3968

Inverse Universe

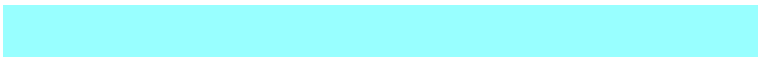
The Inverse Universe completely reimagines the original color for something new.



63.1301, 47.9829, 61.8120



59.0889, 41.7322, 54.8185



66.7601, 85.4160, 107.5761



18.3768, 18.1340, 20.6012



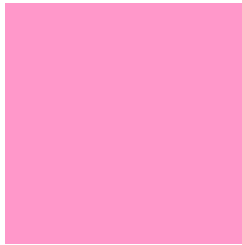
23.5173, 11.8962, 11.3745



2.3447, 1.1803, 1.3968

Previews

White Background



This preview shows how the XYZ color 63.1289, 47.9807, 61.8111 looks on a white background.

Color Contrast Check

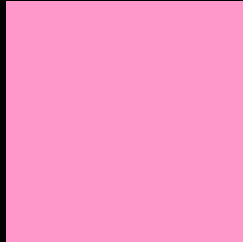
Large Text (above 18pt) WCAG AA × Fail

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 63.1289, 47.9807, 61.8111 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 63.1289, 47.9807, 61.8111

Background



This preview shows how black text looks on a background with the XYZ color 63.1289, 47.9807, 61.8111.



This preview shows how white text looks on a background with the XYZ color 63.1289, 47.9807,

61.8111.

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

63.1289, 47.9807, 61.8111

Protanopia

48.0228, 48.3710, 75.9127

Deuteranopia

49.2241, 48.1417, 59.5212



Tritanopia

59.6274, 48.0514, 44.1624

Trichromacy



Original Color

63.1289, 47.9807, 61.8111



Protanomaly

52.1951, 47.3905, 70.6863



Deuteranomaly

53.4102, 47.4049, 60.3679



Tritanomaly

60.8400, 48.0370, 50.3214

Monochromacy



Original Color

63.1289, 47.9807, 61.8111



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.7035, 49.0918, 57.7368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1289, 47.9807, 61.8111 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, 152, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 202)  
}
```

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, 152, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 202) }
```

Border

The CSS property to change the border of an element to XYZ 63.1289, 47.9807, 61.8111 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, 152, 202) }
```


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

```
.border{ border-color:rgb(255, 152, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1289, 47.9807, 61.8111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 202) }
```

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

```
.background{ background-color: rgb(255,  
152, 202) }
```

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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