

Converting Colors

XYZ(62.7001, 48.5995, 57.1168)

Have a look what the booklet for
XYZ(62.7001, 48.5995, 57.1168)
contains.

XYZ(62.6989, 48.5977, 57.1146)	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(62.6989, 48.5977,
57.1146)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9BC2
RGB	255, 155, 194
RGB Percent	100%, 61%, 76%
CMY	0.0000, 0.3921, 0.2392
CMYK	0.00, 0.39, 0.24, 0.00
HSL	337°, 100%, 80%
HSV	337°, 39%, 100%
XYZ	62.6989, 48.5977, 57.1146
YIQ	189.3460, 47.0810, 33.3290

Conversions

Conversions Part 2

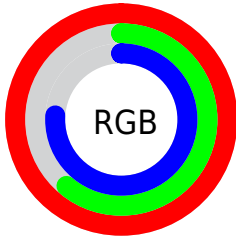
Format	Color
R_{YB}	255, 155, 194
Decimal	16751554
CIE _{Lab}	75.20, 42.15, -4.05
CIE _{LCh}	75, 42.345, 354.505
Yxy	48.5977, 0.3723, 0.2886
Android (android.graphics.Color)	4294941634 (0xFFFF9BC2)
YUV	189.3460, 2.2944, 57.5786
Hunter-Lab	69.7121, 38.5465, 0.2225

Details

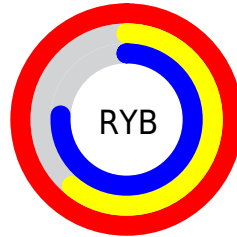
The XYZ color **62.6989, 48.5977, 57.1146** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.6742, 83.4474, 77.8259**, and the grayscale version is **48.5374, 51.0651, 55.6099**.

A 20% lighter version of the original color is **81.7896, 74.7507, 100.5600**, and **32.2499, 23.1320, 27.5761** is the 20% darker color. If you saturate the color by 10%, you get **57.2378, 40.3266, 47.1212**, and if you desaturate by 10%, it is **69.2414, 58.7385, 68.3719**.

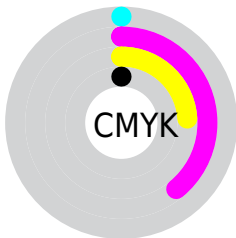
Distribution



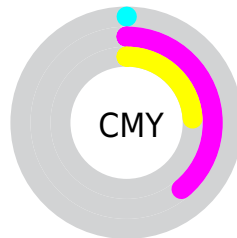
- Red (100%)
- Green (61%)
- Blue (76%)



- Red (100%)
- Yellow (61%)
- Blue (76%)



- Cyan (0%)
- Magenta (39%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6989, 48.5977, 57.1146 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 62.6989, 48.5977, 57.1146 by changing the saturation by 10% instead.


 62.6989, 48.5977,
57.1146


 62.6989, 48.5977,
57.1146


424.1530,
381.1564, 431.3844

 45.8554, 34.3005,
40.6873

 107.8193, 88.0937,
102.1344

 32.3359, 23.1245,
27.7570


 136.8268,
114.0612, 131.5639

 21.7750, 14.6855,
17.9051


170.6198,
144.6875, 166.1646

 13.8073, 8.5989,
10.7131

209.5635,
180.3572, 206.3550

 8.0676, 4.4805,
5.7625

254.0233,
221.4545, 252.5536

 4.1904, 1.9458,
2.6348

304.3646,

 1.8104, 0.5757,

268.3639, 305.1791

0.9103

360.9527,
321.4697, 364.6498

■ 0.5239, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6989, 48.5977,
57.1146

■ 62.6989, 48.5977,
57.1146

■ 57.2378, 40.3266,
47.1212

■ 69.2414, 58.7385,
68.3719

■ 52.7919, 33.8023,
38.3404

■ 76.9188, 70.8482,
80.9356

■ 49.2932, 28.8981,
30.7211

■ 85.7856, 85.0269,
94.8500

■ 46.6631, 25.4667,
24.2063

95.0500, 100.0000,
108.9000

■ 44.8090, 23.3334,
18.7329

■ 43.5944, 22.2366,
14.2208

■ 43.5133, 22.1693,
13.9012

Harmonies

Analogous

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



59.4405, 48.5977, 81.8194



62.6989, 48.5977, 57.1146



61.1476, 48.5977, 37.0902

Triad

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



62.6989, 48.5977, 57.1146



40.2719, 48.5977, 22.7693



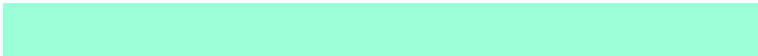
38.0545, 48.5977, 95.9083

Complementary

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



62.6989, 48.5977, 57.1146



61.6742, 83.4474, 77.8259

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.



33.8962, 48.5977, 72.7002



62.6989, 48.5977, 57.1146



35.0724, 48.5977, 31.7721

Square

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



62.6989, 48.5977, 57.1146



47.6348, 48.5977, 20.7494



32.8687, 48.5977, 48.9258



44.7760, 48.5977, 107.8931

Rectangle

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



62.6989, 48.5977, 57.1146



57.6750, 48.5977, 28.2494



32.8687, 48.5977, 48.9258



36.3420, 48.5977, 88.8932

Sweetspot

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



62.7001, 48.6000, 57.1156



83.1921, 80.8621, 90.8341



57.7975, 45.1123, 100.2690



17.5533, 16.9022, 19.0472



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.



62.7001, 48.6000, 57.1156



58.3568, 42.0026, 49.2268



60.6131, 50.5392, 37.5736



18.3026, 18.1044, 20.2108



22.8045, 11.6111, 7.6210



2.2721, 1.1512, 1.0143

Inverse Universe

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



62.7001, 48.6000, 57.1156



58.3568, 42.0026, 49.2268



64.2214, 79.4944, 106.5669



18.3026, 18.1044, 20.2108



22.8045, 11.6111, 7.6210



2.2721, 1.1512, 1.0143

Previews

White Background



This preview shows how the XYZ color 62.6989, 48.5977, 57.1146 looks on a white background.

Color Contrast Check

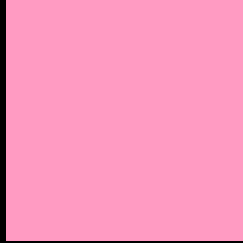
Large Text (above 18pt) WCAG AA × Fail

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 62.6989, 48.5977, 57.1146 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 62.6989, 48.5977, 57.1146

Background



This preview shows how black text looks on a background with the XYZ color 62.6989, 48.5977, 57.1146.



This preview shows how white text looks on a background with the XYZ color 62.6989, 48.5977,

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

62.6989, 48.5977, 57.1146

Protanopia

48.0802, 48.8582, 69.1838

Deuteranopia

49.9726, 48.9168, 55.5232



Tritanopia

60.2568, 48.6192, 44.7366

Trichromacy



Original Color

62.6989, 48.5977, 57.1146

Protanomaly

51.9754, 47.7048, 64.2262

Deuteranomaly

53.7857, 48.2596, 55.7704

Tritanomaly

61.2366, 48.7792, 48.8356

Monochromacy



Original Color

62.6989, 48.5977, 57.1146

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

52.5667, 49.3520, 56.0455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6989, 48.5977, 57.1146 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, 155, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 194)  
}
```

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, 155, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 194) }
```

Border

The CSS property to change the border of an element to XYZ 62.6989, 48.5977, 57.1146 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, 155, 194) }
```


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

```
.border{ border-color:rgb(255, 155, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6989, 48.5977, 57.1146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 194) }
```

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

```
.background{ background-color: rgb(255,  
155, 194) }
```

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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