

Converting Colors

XYZ(66.2299, 50.8548, 48.9593)

Have a look what the booklet for
XYZ(66.2299, 50.8548, 48.9593)
contains.

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Color

**XYZ(61.2652, 48.2916,
48.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CB3
RGB	255, 156, 179
RGB Percent	100%, 61%, 70%
CMY	0.0000, 0.3882, 0.2980
CMYK	0.00, 0.39, 0.30, 0.00
HSL	346°, 100%, 81%
HSV	346°, 39%, 100%
XYZ	61.2652, 48.2916, 48.7400
YIQ	188.2230, 51.6210, 28.1410

Conversions

Conversions Part 2

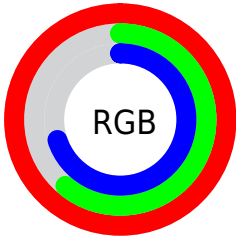
Format	Color
R _Y B	255, 156, 179
Decimal	16751795
CIE Lab	75.01, 39.63, 3.92
CIE LCh	75, 39.827, 5.646
Yxy	48.2916, 0.3870, 0.3051
Android (android.graphics.Color)	4294941875 (0xFFFF9CB3)
YUV	188.2230, -4.5469, 58.5634
Hunter-Lab	69.4922, 35.7567, 7.0600

Details

The XYZ color **61.2652, 48.2916, 48.7400** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.0378, 84.4151, 89.2666**, and the grayscale version is **47.9323, 50.4286, 54.9167**.

A 20% lighter version of the original color is **79.7789, 74.3451, 88.7425**, and **31.3811, 22.9426, 22.5131** is the 20% darker color. If you saturate the color by 10%, you get **55.5851, 39.8783, 37.7619**, and if you desaturate by 10%, it is **68.1269, 58.6181, 61.4999**.

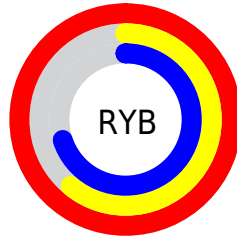
Distribution



Red (100%)

Green (61%)

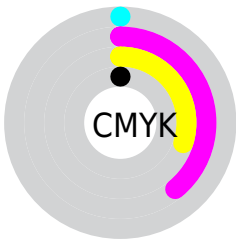
Blue (70%)



Red (100%)

Yellow (61%)

Blue (70%)

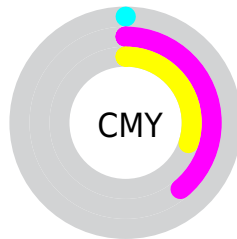


Cyan (0%)

Magenta (39%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (39%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2652, 48.2916, 48.7400 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 61.2652, 48.2916, 48.7400 by changing the saturation by 10% instead.


 61.2652, 48.2916,
48.7400


 61.2652, 48.2916,
48.7400


419.0061,
379.9468, 398.3109

 44.6926, 34.0579,
34.0491


 105.7588, 87.6384,
89.6822

 31.4156, 22.9381,
22.6537


 134.4104,
113.5203, 116.7705

 21.0689, 14.5478,
14.1351

167.8192,
144.0536, 148.8285

 13.2871, 8.5026,
8.0749

206.3503,
179.6229, 186.2746

 7.7049, 4.4182,
4.0544

250.3692,
220.6125, 229.5273

 3.9569, 1.9101,
1.6553

300.2412,

 1.6778, 0.5545,

267.4067, 279.0052

0.3298

356.3317,
320.3900, 335.1269

■ 0.4423, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2652, 48.2916,
48.7400

■ 61.2652, 48.2916,
48.7400

■ 55.5851, 39.8783,
37.7619

■ 68.1269, 58.6181,
61.4999

■ 51.0146, 33.2534,
28.4818

■ 76.2296, 70.9589,
76.1145

■ 47.4793, 28.2880,
20.8132

■ 85.6326, 85.4161,
92.6558

■ 44.8935, 24.8325,
14.6604

95.0500, 100.0000,
108.9000

■ 43.1570, 22.7106,
9.9166

■ 42.1296, 21.6680,
6.4534

■ 42.0355, 21.5782,
6.1188

Harmonies

Analogous

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



59.8503, 48.2916, 70.8808



61.2652, 48.2916, 48.7400



58.2237, 48.2916, 32.5293

Triad

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



61.2652, 48.2916, 48.7400



38.2249, 48.2916, 26.2943



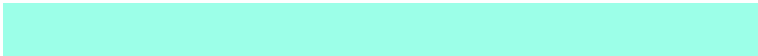
40.3726, 48.2916, 98.1415

Complementary

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



61.2652, 48.2916, 48.7400



64.0378, 84.4151, 89.2666

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.



35.4504, 48.2916, 79.5363



61.2652, 48.2916, 48.7400



34.3052, 48.2916, 37.7382

Square

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



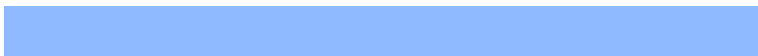
61.2652, 48.2916, 48.7400



44.5381, 48.2916, 21.9539



33.3455, 48.2916, 56.6194



47.2888, 48.2916, 103.3373

Rectangle

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



61.2652, 48.2916, 48.7400



54.2495, 48.2916, 25.9695



33.3455, 48.2916, 56.6194



38.4539, 48.2916, 93.0459

Sweetspot

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



61.2664, 48.2939, 48.7409



82.4989, 80.5848, 87.1842



63.1863, 48.1385, 100.5691



17.3910, 16.8373, 18.1922



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.



61.2664, 48.2939, 48.7409



56.5348, 41.2738, 39.6321



64.0523, 57.2825, 39.1361



18.1822, 18.0562, 19.5767



22.0114, 11.2939, 3.4447



2.1830, 1.1156, 0.5451

Inverse Universe

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



61.2664, 48.2939, 48.7409



56.5348, 41.2738, 39.6321



59.6708, 70.1071, 104.9948



18.1822, 18.0562, 19.5767



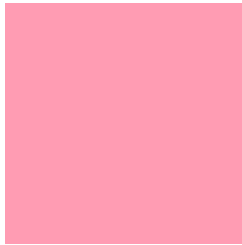
22.0114, 11.2939, 3.4447



2.1830, 1.1156, 0.5451

Previews

White Background



This preview shows how the XYZ color 61.2652, 48.2916, 48.7400 looks on a white background.

Color Contrast Check

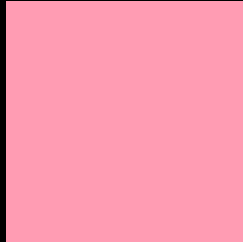
Large Text (above 18pt) WCAG AA × Fail

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 61.2652, 48.2916, 48.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

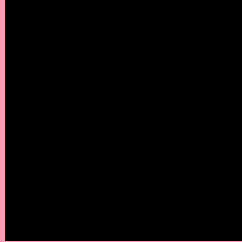
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2652, 48.2916, 48.7400

Background



This preview shows how black text looks on a background with the XYZ color 61.2652, 48.2916, 48.7400.



This preview shows how white text looks on a background with the XYZ color 61.2652, 48.2916,

48.7400.

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

61.2652, 48.2916, 48.7400

Protanopia

46.9984, 48.5354, 58.5209

Deuteranopia

49.5901, 48.6007, 47.3246



Tritanopia

60.2613, 48.3891, 43.7000

Trichromacy



Original Color

61.2652, 48.2916, 48.7400



Protanomaly

50.8997, 47.6479, 54.6584



Deuteranomaly

53.1399, 48.1077, 47.5592



Tritanomaly

60.4728, 48.2019, 45.6518

Monochromacy



Original Color

61.2652, 48.2916, 48.7400



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.4337, 48.5505, 52.5593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2652, 48.2916, 48.7400 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, 156, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 179)  
}
```

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, 156, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 179) }
```

Border

The CSS property to change the border of an element to XYZ 61.2652, 48.2916, 48.7400 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, 156, 179) }
```


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

```
.border{ border-color:rgb(255, 156, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2652, 48.2916, 48.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 179) }
```

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

```
.background{ background-color: rgb(255,  
156, 179) }
```

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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