

Converting Colors

XYZ(61.4900, 49.8872, 47.8304)

Have a look what the booklet for
XYZ(61.4900, 49.8872, 47.8304)
contains.

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Color

**XYZ(61.7292, 50.0858,
48.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA2B1
RGB	254, 162, 177
RGB Percent	100%, 64%, 69%
CMY	0.0039, 0.3647, 0.3059
CMYK	0.00, 0.36, 0.30, 0.00
HSL	350°, 98%, 82%
HSV	350°, 36%, 100%
XYZ	61.7292, 50.0858, 48.0090
YIQ	191.2180, 50.0170, 24.1690

Conversions

Conversions Part 2

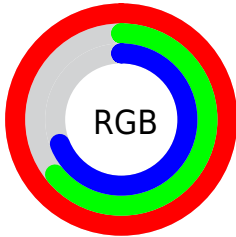
Format	Color
R_{YB}	254, 162, 177
Decimal	16687793
CIE _{Lab}	76.12, 35.92, 6.61
CIE _{LCh}	76, 36.525, 10.421
Yxy	50.0858, 0.3862, 0.3134
Android (android.graphics.Color)	4294877873 (0xFFFEA2B1)
YUV	191.2180, -7.0095, 55.0598
Hunter-Lab	70.7713, 31.8441, 9.3195

Details

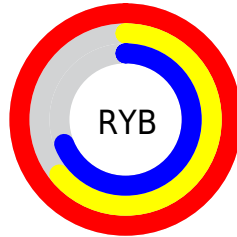
The XYZ color **61.7292, 50.0858, 48.0090** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9244, 84.7982, 94.5589**, and the grayscale version is **49.6680, 52.2546, 56.9053**.

A 20% lighter version of the original color is **81.0194, 77.2860, 87.7383**, and **31.6760, 24.0200, 22.3689** is the 20% darker color. If you saturate the color by 10%, you get **55.7418, 41.2421, 36.3603**, and if you desaturate by 10%, it is **68.9530, 60.8736, 61.6996**.

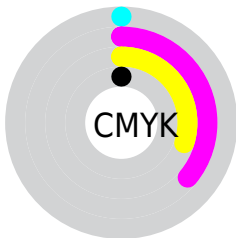
Distribution



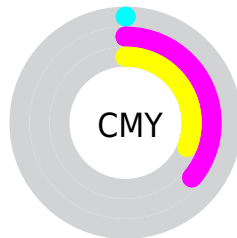
- Red (100%)
- Green (64%)
- Blue (69%)



- Red (100%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (36%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7292, 50.0858, 48.0090 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 61.7292, 50.0858, 48.0090 by changing the saturation by 10% instead.


 61.7292, 50.0858,
48.0090


 61.7292, 50.0858,
48.0090


420.6759,
387.0014, 395.3375

 45.0687, 35.4816,
33.4740


 106.4262, 90.3020,
88.5835

 31.7130, 24.0341,
22.2157


 135.1934,
116.6827, 115.4600

 21.2969, 15.3589,
13.8156


168.7269,
147.7578, 147.2875

 13.4549, 9.0717,
7.8553

207.3920,
183.9115, 184.4844

 7.8217, 4.7880,
3.9160

251.5541,
225.5284, 227.4694

 4.0319, 2.1234,
1.5794

301.5786,

 1.7202, 0.6777,

272.9927, 276.6608

0.2761

357.8307,
326.6889, 332.4774

■ 0.4689, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7292, 50.0858,
48.0090

■ 61.7292, 50.0858,
48.0090

■ 55.7418, 41.2421,
36.3603

■ 68.9530, 60.8736,
61.6996

■ 50.9169, 34.2196,
26.6521

■ 77.4737, 73.7041,
77.5210

■ 47.1786, 28.8928,
18.7785

■ 87.3524, 88.6781,
95.5602

■ 44.4405, 25.1174,
12.6222

94.6832, 99.8109,
108.8828

■ 42.6021, 22.7244,
8.0520

■ 41.5412, 21.5049,
4.9162

■ 41.2804, 21.2338,
4.0575

Harmonies

Analogous

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



61.0859, 50.0858, 68.1392



61.7292, 50.0858, 48.0090



58.3228, 50.0858, 33.5971

Triad

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



61.7292, 50.0858, 48.0090



39.5852, 50.0858, 30.6145



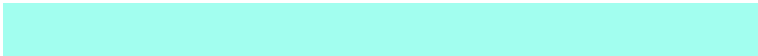
43.3371, 50.0858, 98.2170

Complementary

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



61.7292, 50.0858, 48.0090



65.9244, 84.7982, 94.5589

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.



38.2880, 50.0858, 82.7474



61.7292, 50.0858, 48.0090



36.2696, 50.0858, 42.8738

Square

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



61.7292, 50.0858, 48.0090



45.2682, 50.0858, 25.2706



35.8186, 50.0858, 61.6269



50.0209, 50.0858, 100.5366

Rectangle

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



61.7292, 50.0858, 48.0090



54.3886, 50.0858, 27.9228



35.8186, 50.0858, 61.6269



41.4104, 50.0858, 94.2342

Sweetspot

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



61.7306, 50.0882, 48.0100



83.1931, 81.9699, 87.4255



66.2955, 51.2917, 100.1723



17.5194, 17.1095, 18.1875



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.



61.7306, 50.0882, 48.0100



58.0498, 44.2703, 40.2404



66.3927, 61.6744, 42.5905



18.1301, 18.0354, 19.3023



21.7984, 11.2087, 2.3229



2.1551, 1.1044, 0.3980

Inverse Universe

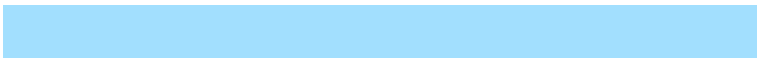
The Inverse Universe completely reimagines the original color for something new.



61.7306, 50.0882, 48.0100



58.0498, 44.2703, 40.2404



59.2685, 67.7928, 103.7277



18.1301, 18.0354, 19.3023



21.7984, 11.2087, 2.3229



2.1551, 1.1044, 0.3980

Previews

White Background



This preview shows how the XYZ color 61.7292, 50.0858, 48.0090 looks on a white background.

Color Contrast Check

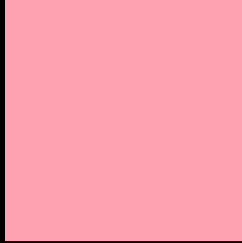
Large Text (above 18pt) WCAG AA × Fail

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 61.7292, 50.0858, 48.0090 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 61.7292, 50.0858, 48.0090

Background



This preview shows how black text looks on a background with the XYZ color 61.7292, 50.0858, 48.0090.



This preview shows how white text looks on a background with the XYZ color 61.7292, 50.0858,

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

61.7292, 50.0858, 48.0090

Protanopia

48.6602, 50.3786, 56.4496

Deuteranopia

51.5193, 50.5089, 47.0782



Tritanopia

61.5312, 50.0066, 46.9666

Trichromacy



Original Color

61.7292, 50.0858, 48.0090



Protanomaly

52.5149, 49.6821, 53.2761



Deuteranomaly

54.7464, 50.0860, 47.3396



Tritanomaly

61.6299, 50.0461, 47.4859

Monochromacy



Original Color

61.7292, 50.0858, 48.0090



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.9157, 50.4838, 53.4098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7292, 50.0858, 48.0090 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(254, 162, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 162, 177)  
}
```

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(254, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 162, 177) }
```

Border

The CSS property to change the border of an element to XYZ 61.7292, 50.0858, 48.0090 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(254, 162, 177) }
```


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

```
.border{ border-color:rgb(254, 162, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 162, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 162, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 162, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 162,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7292, 50.0858, 48.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 162, 177) }
```

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

```
.background{ background-color: rgb(254,  
162, 177) }
```

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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