

Converting Colors

XYZ(62.1767, 47.8606, 55.9927)

Have a look what the booklet for
XYZ(62.1767, 47.8606, 55.9927)
contains.

XYZ(62.1457, 47.8482, 55.8294)	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(62.1457, 47.8482,
55.8294)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99C0
RGB	255, 153, 192
RGB Percent	100%, 60%, 75%
CMY	0.0000, 0.4000, 0.2471
CMYK	0.00, 0.40, 0.25, 0.00
HSL	337°, 100%, 80%
HSV	337°, 40%, 100%
XYZ	62.1457, 47.8482, 55.8294
YIQ	187.9440, 48.2730, 33.7530

Conversions

Conversions Part 2

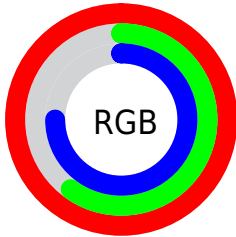
Format	Color
R_{YB}	255, 153, 192
Decimal	16751040
CIE _{Lab}	74.73, 42.90, -3.65
CIE _{LCh}	75, 43.052, 355.139
Yxy	47.8482, 0.3748, 0.2885
Android (android.graphics.Color)	4294941120 (0xFFFF99C0)
YUV	187.9440, 1.9996, 58.8081
Hunter-Lab	69.1724, 39.3159, 0.5674

Details

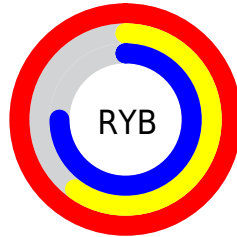
The XYZ color **62.1457, 47.8482, 55.8294** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.2934, 83.2511, 77.8079**, and the grayscale version is **47.7391, 50.2253, 54.6953**.

A 20% lighter version of the original color is **80.9837, 73.6382, 98.7522**, and **31.9823, 22.7142, 27.1247** is the 20% darker color. If you saturate the color by 10%, you get **56.7562, 39.7144, 45.8785**, and if you desaturate by 10%, it is **68.6160, 57.8445, 67.0632**.

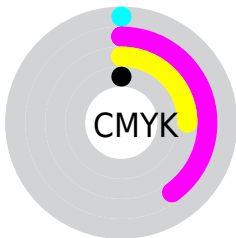
Distribution



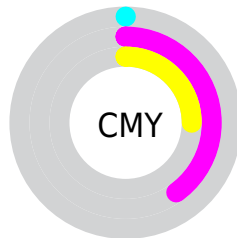
- Red (100%)
- Green (60%)
- Blue (75%)



- Red (100%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1457, 47.8482, 55.8294 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 62.1457, 47.8482, 55.8294 by changing the saturation by 10% instead.


 62.1457, 47.8482,
55.8294


 62.1457, 47.8482,
55.8294


422.1715,
378.1901, 426.4185

 45.4065, 33.7067,
39.6631

 107.0248, 86.9783,
100.2384

 31.9804, 22.6684,
26.9642


 135.8955,
112.7358, 129.3182

 21.5020, 14.3488,
17.3141


169.5406,
143.1340, 163.5395

 13.6060, 8.3637,
10.2944

208.3256,
178.5573, 203.3209

 7.9270, 4.3285,
5.4864

252.6158,
219.3902, 249.0810

 4.0997, 1.8590,
2.4717

302.7767,

 1.7587, 0.5235,

266.0170, 301.2383

0.8251

359.1734,
318.8222, 360.2112

■ 0.4926, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1457, 47.8482,
55.8294

■ 62.1457, 47.8482,
55.8294

■ 56.7562, 39.7144,
45.8785

■ 68.6160, 57.8445,
67.0632

■ 52.3810, 33.3196,
37.1579

■ 76.2215, 69.8036,
79.6239

■ 48.9510, 28.5355,
29.6146

■ 85.0171, 83.8263,
93.5568

■ 46.3864, 25.2131,
23.1900

95.0500, 100.0000,
108.9000

■ 44.5931, 23.1749,
17.8188

■ 43.4210, 22.1325,
13.4145

■ 43.4207, 22.1323,
13.4135

Harmonies

Analogous

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



58.9494, 47.8482, 80.7565



62.1457, 47.8482, 55.8294



60.4755, 47.8482, 35.8782

Triad

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



62.1457, 47.8482, 55.8294



39.3914, 47.8482, 22.0538



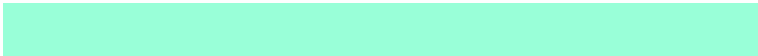
37.4220, 47.8482, 95.9654

Complementary

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



62.1457, 47.8482, 55.8294



61.2934, 83.2511, 77.8079

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.



33.1912, 47.8482, 72.5919



62.1457, 47.8482, 55.8294



34.2337, 47.8482, 31.1764

Square

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



62.1457, 47.8482, 55.8294



46.7630, 47.8482, 19.9170



32.0941, 47.8482, 48.5377



44.2173, 47.8482, 107.7875

Rectangle

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



62.1457, 47.8482, 55.8294



56.9171, 47.8482, 27.1696



32.0941, 47.8482, 48.5377



35.6849, 47.8482, 88.9237

Sweetspot

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



62.1468, 47.8504, 55.8303



83.1580, 80.8485, 90.6548



57.7324, 44.5886, 100.1714



17.5454, 16.8990, 19.0052



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.



62.1468, 47.8504, 55.8303



57.7497, 41.1965, 47.7664



60.4284, 50.4364, 36.6900



18.2967, 18.1020, 20.1798



22.7554, 11.5914, 7.3622



2.2669, 1.1491, 0.9870

Inverse Universe

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



62.1468, 47.8504, 55.8303



57.7497, 41.1965, 47.7664



63.2688, 78.1544, 106.3584



18.2967, 18.1020, 20.1798



22.7554, 11.5914, 7.3622



2.2669, 1.1491, 0.9870

Previews

White Background



This preview shows how the XYZ color 62.1457, 47.8482, 55.8294 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 62.1457, 47.8482, 55.8294 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 62.1457, 47.8482, 55.8294

Background



This preview shows how black text looks on a background with the XYZ color 62.1457, 47.8482, 55.8294.



This preview shows how white text looks on a background with the XYZ color 62.1457, 47.8482,

55.8294.

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

62.1457, 47.8482, 55.8294

Protanopia

47.5137, 48.2734, 68.4415

Deuteranopia

49.2846, 48.2885, 54.3000



Tritanopia

59.7264, 47.8612, 43.6263

Trichromacy



Original Color

62.1457, 47.8482, 55.8294



Protanomaly

51.3837, 47.1301, 63.5155



Deuteranomaly

53.3788, 47.7957, 54.5562



Tritanomaly

60.6973, 48.0221, 47.6651

Monochromacy



Original Color

62.1457, 47.8482, 55.8294



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.6667, 48.3311, 54.7498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1457, 47.8482, 55.8294 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, 153, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 192)  
}
```

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, 153, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 192) }
```

Border

The CSS property to change the border of an element to XYZ 62.1457, 47.8482, 55.8294 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, 153, 192) }
```


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

```
.border{ border-color:rgb(255, 153, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 153, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1457, 47.8482, 55.8294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 192) }
```

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

```
.background{ background-color: rgb(255,  
153, 192) }
```

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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