

Converting Colors

XYZ(62.1889, 47.2048, 58.0939)

Have a look what the booklet for
XYZ(62.1889, 47.2048, 58.0939)
contains.

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Color

**XYZ(62.1102, 47.0582,
58.0341)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96C4
RGB	255, 150, 196
RGB Percent	100%, 59%, 77%
CMY	0.0000, 0.4117, 0.2314
CMYK	0.00, 0.41, 0.23, 0.00
HSL	334°, 100%, 79%
HSV	334°, 41%, 100%
XYZ	62.1102, 47.0582, 58.0341
YIQ	186.6390, 47.8140, 36.5660

Conversions

Conversions Part 2

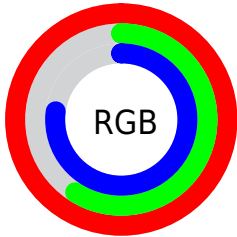
Format	Color
R_{YB}	255, 150, 196
Decimal	16750276
CIE _{Lab}	74.23, 44.98, -6.59
CIE _{LCh}	74, 45.460, 351.660
Yxy	47.0582, 0.3715, 0.2814
Android (android.graphics.Color)	4294940356 (0xFFFF96C4)
YUV	186.6390, 4.6150, 59.9526
Hunter-Lab	68.5990, 41.5675, -2.1395

Details

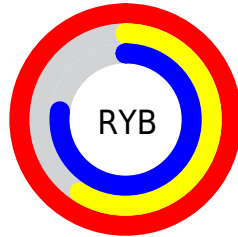
The XYZ color **62.1102, 47.0582, 58.0341** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.8482, 82.6084, 73.1159**, and the grayscale version is **46.9879, 49.4350, 53.8347**.

A 20% lighter version of the original color is **81.0409, 72.4945, 102.6500**, and **31.9221, 22.2381, 28.2011** is the 20% darker color. If you saturate the color by 10%, you get **56.9209, 39.1664, 48.6381**, and if you desaturate by 10%, it is **68.3428, 56.7871, 68.5476**.

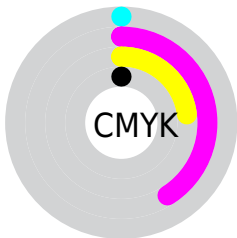
Distribution



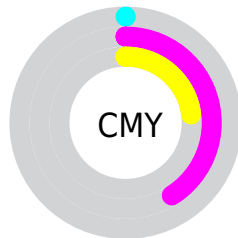
- Red (100%)
- Green (59%)
- Blue (77%)



- Red (100%)
- Yellow (59%)
- Blue (77%)



- Cyan (0%)
- Magenta (41%)
- Yellow (23%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1102, 47.0582, 58.0341 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 62.1102, 47.0582, 58.0341 by changing the saturation by 10% instead.

62.1102, 47.0582,
58.0341

62.1102, 47.0582,
58.0341

422.0441,
375.0468, 434.9148

45.3777, 33.0817,
41.4212

106.9738, 85.8005,
103.4878

31.9576, 22.1890,
28.3262

135.8356,
111.3350, 133.1656

21.4845, 13.9959,
18.3305

169.4713,
141.4910, 168.0355

13.5931, 8.1178,
11.0156

208.2461,
176.6529, 208.5160

7.9180, 4.1704,
5.9630

252.5254,
217.2050, 255.0257

4.0939, 1.7693,
2.7542

302.6746,

1.7554, 0.4680,

263.5318, 307.9830

0.9705

359.0591,
316.0176, 367.8065

■ 0.4906, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1102, 47.0582,
58.0341

■ 62.1102, 47.0582,
58.0341

■ 56.9209, 39.1664,
48.6381

■ 68.3428, 56.7871,
68.5476

■ 52.7092, 32.9876,
40.3146

■ 75.6723, 68.4540,
80.2153

■ 49.4068, 28.3923,
33.0189

■ 84.1526, 82.1599,
93.0757

■ 46.9344, 25.2293,
26.7012

■ 93.8327, 97.9970,
107.1640

■ 45.1973, 23.3176,
21.3052

95.0500, 100.0000,
108.9000

■ 44.1484, 22.4233,
17.2453

Harmonies

Analogous

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



58.1919, 47.0582, 84.4599



62.1102, 47.0582, 58.0341



60.9456, 47.0582, 36.3827

Triad

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



62.1102, 47.0582, 58.0341



39.1845, 47.0582, 19.8024



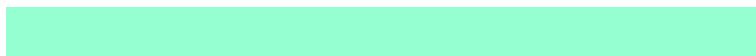
35.6862, 47.0582, 95.1632

Complementary

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



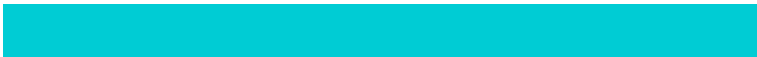
62.1102, 47.0582, 58.0341



59.8482, 82.6084, 73.1159

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.



31.6765, 47.0582, 69.6705



62.1102, 47.0582, 58.0341



33.5187, 47.0582, 28.1194

Square

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



62.1102, 47.0582, 58.0341



47.0413, 47.0582, 18.4058



30.9342, 47.0582, 44.9950



42.4907, 47.0582, 109.7721

Rectangle

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



62.1102, 47.0582, 58.0341



57.4986, 47.0582, 26.8043



30.9342, 47.0582, 44.9950



34.0029, 47.0582, 87.2721

Sweetspot

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



62.1113, 47.0603, 58.0350



83.4073, 80.9482, 91.9673



54.9004, 42.4089, 99.8999



17.6039, 16.9224, 19.3133



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.



62.1113, 47.0603, 58.0350



57.9637, 40.7324, 50.5881



58.5096, 46.9903, 34.8431



18.3399, 18.1193, 20.4070



23.1404, 11.7455, 9.3900



2.3069, 1.1651, 1.1973

Inverse Universe

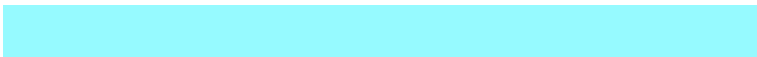
The Inverse Universe completely reimagines the original color for something new.



62.1113, 47.0603, 58.0350



57.9637, 40.7324, 50.5881



64.7369, 81.9208, 107.0080



18.3399, 18.1193, 20.4070



23.1404, 11.7455, 9.3900



2.3069, 1.1651, 1.1973

Previews

White Background



This preview shows how the XYZ color 62.1102, 47.0582, 58.0341 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 62.1102, 47.0582, 58.0341 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 62.1102, 47.0582, 58.0341

Background



This preview shows how black text looks on a background with the XYZ color 62.1102, 47.0582, 58.0341.



This preview shows how white text looks on a background with the XYZ color 62.1102, 47.0582,

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

62.1102, 47.0582, 58.0341

Protanopia

46.8230, 47.2357, 71.6153

Deuteranopia

48.1521, 47.0762, 55.8389



Tritanopia

58.8413, 46.9282, 42.5160

Trichromacy



Original Color

62.1102, 47.0582, 58.0341



Protanomaly

51.0602, 46.3320, 66.5734



Deuteranomaly

52.3578, 46.3931, 56.6473



Tritanomaly

59.9351, 46.8795, 48.0092

Monochromacy



Original Color

62.1102, 47.0582, 58.0341



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.5817, 47.9869, 55.2589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1102, 47.0582, 58.0341 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, 150, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 196)  
}
```

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, 150, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 196) }
```

Border

The CSS property to change the border of an element to XYZ 62.1102, 47.0582, 58.0341 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, 150, 196) }
```


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

```
.border{ border-color:rgb(255, 150, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1102, 47.0582, 58.0341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 196) }
```

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

```
.background{ background-color: rgb(255,  
150, 196) }
```

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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