

Converting Colors

XYZ(108.9061, 71.7735,
52.0384)

Have a look what the booklet for
XYZ(108.9061, 71.7735, 52.0384)
contains.

XYZ(60.8087, 47.0527, 49.5932)	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(60.8087, 47.0527,
49.5932)**

Conversions

Conversions Part 1

Format	Color
Hex	FF98B5
RGB	255, 152, 181
RGB Percent	100%, 60%, 71%
CMY	0.0000, 0.4039, 0.2902
CMYK	0.00, 0.40, 0.29, 0.00
HSL	343°, 100%, 80%
HSV	343°, 40%, 100%
XYZ	60.8087, 47.0527, 49.5932
YIQ	186.1030, 52.0790, 30.8550

Conversions

Conversions Part 2

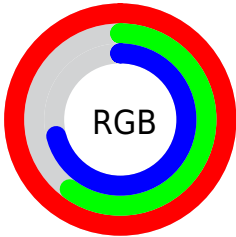
Format	Color
R _Y B	255, 152, 181
Decimal	16750773
CIE Lab	74.22, 41.94, 1.68
CIE LCh	74, 41.976, 2.290
Yxy	47.0527, 0.3862, 0.2988
Android (android.graphics.Color)	4294940853 (0xFFFF98B5)
YUV	186.1030, -2.5158, 60.4227
Hunter-Lab	68.5950, 38.1971, 5.1506

Details

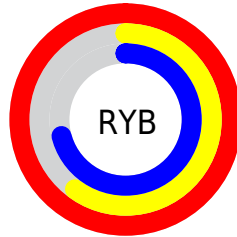
The XYZ color **60.8087, 47.0527, 49.5932** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.4385, 83.6874, 84.8182**, and the grayscale version is **46.7243, 49.1576, 53.5326**.

A 20% lighter version of the original color is **79.0819, 72.4862, 89.9439**, and **31.1231, 22.2180, 23.0702** is the 20% darker color. If you saturate the color by 10%, you get **55.3480, 38.9446, 39.0999**, and if you desaturate by 10%, it is **67.4088, 57.0434, 61.6870**.

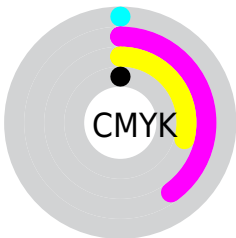
Distribution



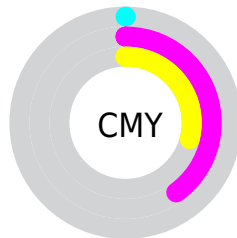
- Red (100%)
- Green (60%)
- Blue (71%)



- Red (100%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (40%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8087, 47.0527, 49.5932 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 60.8087, 47.0527, 49.5932 by changing the saturation by 10% instead.


 60.8087, 47.0527,
49.5932


 60.8087, 47.0527,
49.5932


417.3594,
375.0248, 401.7624

 44.3228, 33.0773,
34.7214

 105.1016, 85.7923,
90.9619

 31.1233, 22.1857,
23.1665


 133.6392,
111.3253, 118.2959

 20.8451, 13.9934,
14.5100


166.9248,
141.4796, 150.6210

 13.1226, 8.1161,
8.3335

205.3237,
176.6396, 188.3558

 7.5906, 4.1693,
4.2182

249.2013,
217.1898, 231.9188

 3.8837, 1.7687,
1.7458

298.9228,

 1.6366, 0.4676,

263.5144, 281.7285

0.3918

354.8537,
315.9980, 338.2035

■ 0.4161, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8087, 47.0527,
49.5932

■ 60.8087, 47.0527,
49.5932

■ 55.3480, 38.9446,
39.0999

■ 67.4088, 57.0434,
61.6870

■ 50.9558, 32.5933,
30.1349

■ 75.2059, 69.0185,
75.4437

■ 47.5589, 27.8685,
22.6237

■ 84.2583, 83.0803,
90.9255

■ 45.0726, 24.6185,
16.4844

■ 94.6193, 99.3222,
108.1908

■ 43.3970, 22.6623, 95.0500, 100.0000,
11.6252 108.9000

■ 42.4027, 21.7251,
8.0529

Harmonies

Analogous

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



58.8068, 47.0527, 73.0387



60.8087, 47.0527, 49.5932



58.1151, 47.0527, 32.1173

Triad

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



60.8087, 47.0527, 49.5932



37.4237, 47.0527, 23.5618



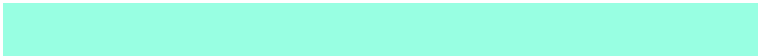
38.3206, 47.0527, 97.4194

Complementary

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



60.8087, 47.0527, 49.5932



62.4385, 83.6874, 84.8182

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.



33.5633, 47.0527, 76.7348



60.8087, 47.0527, 49.5932



33.0877, 47.0527, 34.2657

Square

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



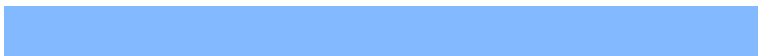
60.8087, 47.0527, 49.5932



44.1461, 47.0527, 19.9610



31.7568, 47.0527, 52.9073



45.3033, 47.0527, 104.8506

Rectangle

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



60.8087, 47.0527, 49.5932



54.1777, 47.0527, 24.9278



31.7568, 47.0527, 52.9073



36.4363, 47.0527, 91.5454

Sweetspot

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



60.8100, 47.0550, 49.5941



82.7133, 80.6706, 88.3131



60.5865, 45.8182, 100.2583



17.4411, 16.8573, 18.4563



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.



60.8100, 47.0550, 49.5941



56.5532, 40.7179, 41.4657



62.1064, 53.9239, 36.8437



18.2195, 18.0711, 19.7733



22.2109, 11.3736, 4.4950



2.2069, 1.1251, 0.6708

Inverse Universe

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



60.8100, 47.0550, 49.5941



56.5532, 40.7179, 41.4657



60.0500, 71.9956, 105.3393



18.2195, 18.0711, 19.7733



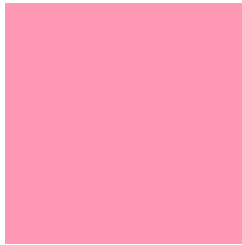
22.2109, 11.3736, 4.4950



2.2069, 1.1251, 0.6708

Previews

White Background



This preview shows how the XYZ color 60.8087, 47.0527, 49.5932 looks on a white background.

Color Contrast Check

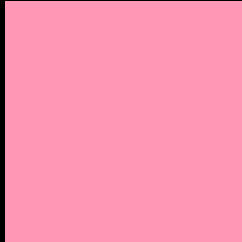
Large Text (above 18pt) WCAG AA × Fail

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 60.8087, 47.0527, 49.5932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

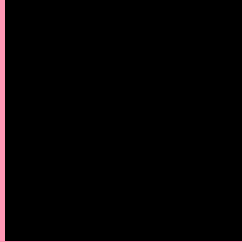
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8087, 47.0527, 49.5932

Background



This preview shows how black text looks on a background with the XYZ color 60.8087, 47.0527, 49.5932.



This preview shows how white text looks on a background with the XYZ color 60.8087, 47.0527,

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

60.8087, 47.0527, 49.5932

Protanopia

46.3282, 47.5245, 60.7642

Deuteranopia

48.2866, 47.3151, 48.1827



Tritanopia

59.4773, 47.2667, 42.0650

Trichromacy



Original Color

60.8087, 47.0527, 49.5932



Protanomaly

50.3718, 46.4869, 56.1872



Deuteranomaly

52.1627, 46.7492, 48.3937



Tritanomaly

59.7793, 47.1223, 44.4729

Monochromacy



Original Color

60.8087, 47.0527, 49.5932



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.6517, 47.5817, 51.8619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8087, 47.0527, 49.5932 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, 152, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 181)  
}
```

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, 152, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 181) }
```

Border

The CSS property to change the border of an element to XYZ 60.8087, 47.0527, 49.5932 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, 152, 181) }
```


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

```
.border{ border-color:rgb(255, 152, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8087, 47.0527, 49.5932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 181) }
```

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

```
.background{ background-color: rgb(255,  
152, 181) }
```

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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