

Converting Colors

XYZ(59.9860, 48.7589, 52.0644)

Have a look what the booklet for
XYZ(59.9860, 48.7589, 52.0644)
contains.

XYZ(60.2132, 48.9490, 52.1735)	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(60.2132, 48.9490,
52.1735)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A1B9
RGB	248, 161, 185
RGB Percent	97%, 63%, 73%
CMY	0.0275, 0.3686, 0.2745
CMYK	0.00, 0.35, 0.25, 0.03
HSL	343°, 86%, 80%
HSV	343°, 35%, 97%
XYZ	60.2132, 48.9490, 52.1735
YIQ	189.7490, 44.1480, 25.9080

Conversions

Conversions Part 2

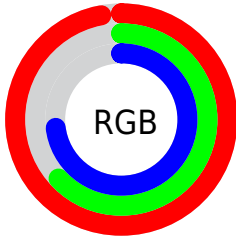
Format	Color
R _Y B	248, 161, 185
Decimal	16294329
CIE Lab	75.42, 35.38, 1.12
CIE LCh	75, 35.393, 1.806
Yxy	48.9490, 0.3732, 0.3034
Android (android.graphics.Color)	4294484409 (0xFFF8A1B9)
YUV	189.7490, -2.3413, 51.0861
Hunter-Lab	69.9636, 31.1874, 4.7605

Details

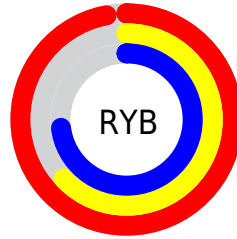
The XYZ color **60.2132, 48.9490, 52.1735** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.7220, 80.0948, 82.7317**, and the grayscale version is **48.7957, 51.3368, 55.9058**.

A 20% lighter version of the original color is **81.9300, 77.2366, 93.8091**, and **30.7626, 23.3382, 24.7132** is the 20% darker color. If you saturate the color by 10%, you get **54.5236, 40.4146, 41.5064**, and if you desaturate by 10%, it is **67.0045, 59.3028, 64.3905**.

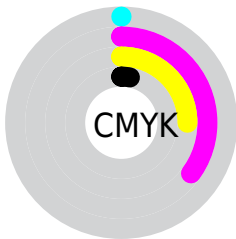
Distribution



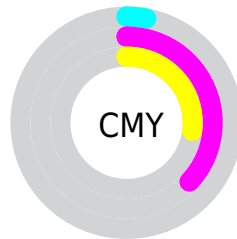
- Red (97%)
- Green (63%)
- Blue (73%)



- Red (97%)
- Yellow (63%)
- Blue (73%)



- Cyan (0%)
- Magenta (35%)
- Yellow (25%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2132, 48.9490, 52.1735 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 60.2132, 48.9490, 52.1735 by changing the saturation by 10% instead.


 60.2132, 48.9490,
52.1735


 60.2132, 48.9490,
52.1735


415.2053,
382.5415, 412.0820

 43.8406, 34.5790,
36.7602


 104.2435, 88.6157,
94.8163

 30.7426, 23.3388,
24.7275


 132.6319,
114.6812, 122.8828

 20.5538, 14.8439,
15.6570


165.7562,
145.4140, 156.0041

 12.9088, 8.7099,
9.1301

203.9820,
181.1986, 194.5988

 7.4424, 4.5524,
4.7281

247.6744,
222.4192, 239.0854

 3.7890, 1.9871,
2.0327

297.1988,

 1.5835, 0.6000,

269.4603, 289.8825

0.5753

352.9207,
322.7063, 347.4085

■ 0.3816, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2132, 48.9490,
52.1735

■ 60.2132, 48.9490,
52.1735

■ 54.5236, 40.4146,
41.5064

■ 67.0045, 59.3028,
64.3905

■ 49.8717, 33.5868,
32.3224

■ 74.9487, 71.5660,
78.2145

■ 46.1929, 28.3513,
24.5539

■ 84.0986, 85.8311,
93.7031

■ 43.4134, 24.5766,
18.1264

■ 92.5215, 98.6965,
108.7817

■ 41.4480, 22.1100,
12.9580

■ 40.1936, 20.7637,
8.9556

■ 39.7672, 20.3788,
7.3712

Harmonies

Analogous

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



58.4712, 48.9490, 72.1229



60.2132, 48.9490, 52.1735



58.0123, 48.9490, 36.5256

Triad

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



60.2132, 48.9490, 52.1735



40.2252, 48.9490, 28.2375



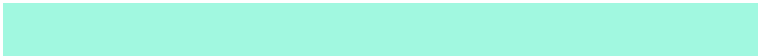
40.8495, 48.9490, 91.6160

Complementary

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



60.2132, 48.9490, 52.1735



61.7220, 80.0948, 82.7317

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.



36.6633, 48.9490, 74.5476



60.2132, 48.9490, 52.1735



36.3272, 48.9490, 38.0704

Square

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



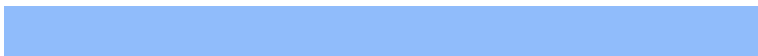
60.2132, 48.9490, 52.1735



46.1305, 48.9490, 24.8633



35.0857, 48.9490, 54.4368



46.9208, 48.9490, 97.8389

Rectangle

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



60.2132, 48.9490, 52.1735



54.7145, 48.9490, 29.7668



35.0857, 48.9490, 54.4368



39.1956, 48.9490, 86.7869

Sweetspot

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



60.2146, 48.9513, 52.1745



83.6456, 82.1509, 89.8083



60.2293, 48.0133, 94.9002



17.6265, 17.1523, 18.7516



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.



60.2146, 48.9513, 52.1745



59.7940, 45.6004, 47.4758



61.4371, 55.1140, 41.1212



17.4413, 17.3039, 18.9137



21.5328, 11.0288, 4.2483



2.0370, 1.0386, 0.6185

Inverse Universe

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



60.2146, 48.9513, 52.1745



59.7940, 45.6004, 47.4758



59.7038, 70.4776, 99.2640



17.4413, 17.3039, 18.9137



21.5328, 11.0288, 4.2483



2.0370, 1.0386, 0.6185

Previews

White Background



This preview shows how the XYZ color 60.2132, 48.9490, 52.1735 looks on a white background.

Color Contrast Check

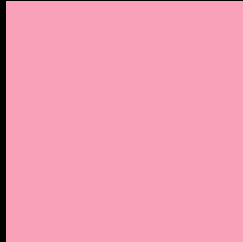
Large Text (above 18pt) WCAG AA × Fail

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 60.2132, 48.9490, 52.1735 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 60.2132, 48.9490, 52.1735

Background



This preview shows how black text looks on a background with the XYZ color 60.2132, 48.9490, 52.1735.



This preview shows how white text looks on a background with the XYZ color 60.2132, 48.9490,

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

60.2132, 48.9490, 52.1735

Protanopia

47.9075, 49.2605, 61.0161

Deuteranopia

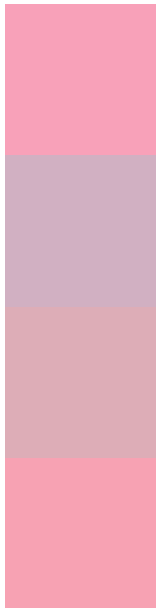
50.2184, 49.1417, 51.0945



Tritanopia

59.1928, 49.0637, 46.9079

Trichromacy



Original Color

60.2132, 48.9490, 52.1735

Protanomaly

51.5574, 48.5010, 57.6832

Deuteranomaly

53.3096, 48.6782, 51.3859

Tritanomaly

59.4148, 48.8695, 48.9491

Monochromacy



Original Color

60.2132, 48.9490, 52.1735

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

52.0612, 49.7199, 54.4299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2132, 48.9490, 52.1735 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(248, 161, 185)` looks like.

```
.text, #text, p{  
    color:rgb(248, 161, 185)  
}
```

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(248, 161, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 161, 185) }
```

Border

The CSS property to change the border of an element to XYZ 60.2132, 48.9490, 52.1735 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(248, 161, 185) }
```


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

```
.border{ border-color:rgb(248, 161, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 161, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 161, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 161, 185);  
box-shadow:4px 4px 4px 4px rgb(248, 161,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2132, 48.9490, 52.1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 161, 185) }
```

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

```
.background{ background-color: rgb(248,  
161, 185) }
```

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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