

Converting Colors

XYZ(58.7606, 49.2862, 48.5140)

Have a look what the booklet for
XYZ(58.7606, 49.2862, 48.5140)
contains.

XYZ(58.7992, 49.3577, 48.5474)	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(58.7992, 49.3577,
48.5474)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A5B2
RGB	244, 165, 178
RGB Percent	96%, 65%, 70%
CMY	0.0431, 0.3529, 0.3020
CMYK	0.00, 0.32, 0.27, 0.04
HSL	350°, 78%, 80%
HSV	350°, 32%, 96%
XYZ	58.7992, 49.3577, 48.5474
YIQ	190.1030, 42.9110, 20.7910

Conversions

Conversions Part 2

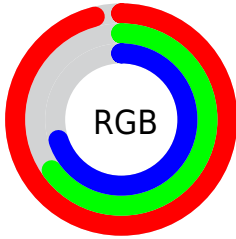
Format	Color
R_{YB}	244, 165, 178
Decimal	16033202
CIE _{Lab}	75.67, 30.89, 5.27
CIE _{LCh}	76, 31.339, 9.674
Yxy	49.3577, 0.3752, 0.3150
Android (android.graphics.Color)	4294223282 (0xFFFF4A5B2)
YUV	190.1030, -5.9668, 47.2677
Hunter-Lab	70.2550, 26.4474, 8.2081

Details

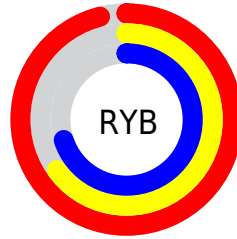
The XYZ color **58.7992, 49.3577, 48.5474** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.2936, 78.4713, 87.4685**, and the grayscale version is **49.0200, 51.5729, 56.1629**.

A 20% lighter version of the original color is **81.9477, 78.9134, 88.7546**, and **29.7455, 23.5081, 22.3718** is the 20% darker color. If you saturate the color by 10%, you get **52.9137, 40.6223, 37.2263**, and if you desaturate by 10%, it is **65.8312, 59.8985, 61.7524**.

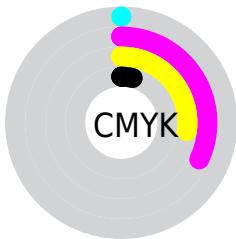
Distribution



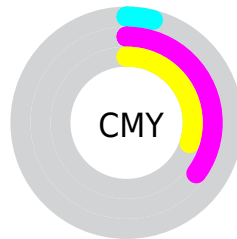
- Red (96%)
- Green (65%)
- Blue (70%)



- Red (96%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7992, 49.3577, 48.5474 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 58.7992, 49.3577, 48.5474 by changing the saturation by 10% instead.


 58.7992, 49.3577,
48.5474


 58.7992, 49.3577,
48.5474

410.0634,
384.1488, 397.5289

 42.6972, 34.9033,
33.8975

 102.2021, 89.2225,
89.3929

 29.8411, 23.5884,
22.5382


 130.2337,
115.4017, 116.4256

 19.8655, 15.0286,
14.0508


162.9726,
146.2579, 148.4229

 12.4050, 8.8394,
8.0168

200.7841,
182.1756, 185.8035

 7.0943, 4.6366,
4.0178

244.0335,
223.5392, 228.9859

 3.5680, 2.0357,
1.6351

293.0864,

 1.4608, 0.6281,

270.7329, 278.3885

0.3157

348.3079,
324.1414, 334.4300

■ 0.2989, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7992, 49.3577,
48.5474

■ 58.7992, 49.3577,
48.5474

■ 52.9137, 40.6223,
37.2263

■ 65.8312, 59.8985,
61.7524

■ 48.1093, 33.5842,
27.6999

■ 74.0622, 72.3308,
76.9192

■ 44.3203, 28.1345,
19.8758

■ 83.5465, 86.7438,
94.1247

■ 41.4721, 24.1489,
13.6523

■ 91.1183, 97.9731,
108.7160

■ 39.4794, 21.4841,
8.9164

■ 38.2407, 19.9681,
5.5398

■ 37.6937, 19.3873,
3.7754

Harmonies

Analogous

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



58.1779, 49.3577, 65.6290



58.7992, 49.3577, 48.5474



56.0396, 49.3577, 35.8079

Triad

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



58.7992, 49.3577, 48.5474



40.1416, 49.3577, 32.7009



43.1415, 49.3577, 89.6383

Complementary

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



58.7992, 49.3577, 48.5474



62.2936, 78.4713, 87.4685

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.



38.8353, 49.3577, 76.8432



58.7992, 49.3577, 48.5474



37.2051, 49.3577, 43.3849

Square

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



58.7992, 49.3577, 48.5474



45.0622, 49.3577, 27.9872



36.7474, 49.3577, 59.2948



48.8138, 49.3577, 91.8161

Rectangle

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



58.7992, 49.3577, 48.5474



52.7778, 49.3577, 30.6019



36.7474, 49.3577, 59.2948



41.4996, 49.3577, 86.3274

Sweetspot

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



58.8005, 49.3600, 48.5484



84.2053, 83.4987, 89.2910



62.6870, 50.4056, 92.0134



17.7216, 17.4143, 18.5617



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.



58.8005, 49.3600, 48.5484



60.4908, 47.8613, 45.0344



62.8049, 59.3590, 43.7475



16.6103, 16.5270, 17.6945



20.5285, 10.5549, 2.2257



1.8358, 0.9403, 0.3618

Inverse Universe

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



58.8005, 49.3600, 48.5484



60.4908, 47.8613, 45.0344



56.8331, 64.5029, 95.0430



16.6103, 16.5270, 17.6945



20.5285, 10.5549, 2.2257



1.8358, 0.9403, 0.3618

Previews

White Background



This preview shows how the XYZ color 58.7992, 49.3577, 48.5474 looks on a white background.

Color Contrast Check

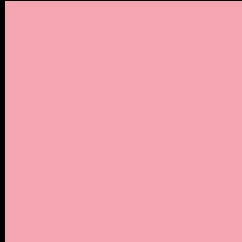
Large Text (above 18pt) WCAG AA × Fail

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 58.7992, 49.3577, 48.5474 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 58.7992, 49.3577, 48.5474

Background



This preview shows how black text looks on a background with the XYZ color 58.7992, 49.3577, 48.5474.



This preview shows how white text looks on a background with the XYZ color 58.7992, 49.3577,

48.5474.

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

58.7992, 49.3577, 48.5474

Protanopia

47.8394, 49.6543, 55.7780

Deuteranopia

50.3536, 49.2930, 47.4180



Tritanopia

58.7992, 49.3577, 48.5474

Trichromacy



Original Color

58.7992, 49.3577, 48.5474

Protanomaly

51.0778, 48.9413, 53.2089

Deuteranomaly

53.2906, 49.3241, 47.7861

Tritanomaly

58.7992, 49.3577, 48.5474

Monochromacy



Original Color

58.7992, 49.3577, 48.5474

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.9651, 50.2946, 53.4233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7992, 49.3577, 48.5474 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(244, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(244, 165, 178)  
}
```

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(244, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 165, 178) }
```

Border

The CSS property to change the border of an element to XYZ 58.7992, 49.3577, 48.5474 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(244, 165, 178) }
```


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

```
.border{ border-color:rgb(244, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 165, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 165, 178);  
box-shadow:4px 4px 4px 4px rgb(244, 165,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7992, 49.3577, 48.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 165, 178) }
```

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

```
.background{ background-color: rgb(244,  
165, 178) }
```

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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