

Converting Colors

XYZ(52.5824, 38.6679, 32.1209)

Have a look what the booklet for
XYZ(52.5824, 38.6679, 32.1209)
contains.

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Color

**XYZ(52.5846, 38.7488,
32.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	F98493
RGB	249, 132, 147
RGB Percent	98%, 52%, 58%
CMY	0.0235, 0.4823, 0.4235
CMYK	0.00, 0.47, 0.41, 0.02
HSL	352°, 91%, 75%
HSV	352°, 47%, 98%
XYZ	52.5846, 38.7488, 32.3115
YIQ	168.6930, 64.9170, 29.4690

Conversions

Conversions Part 2

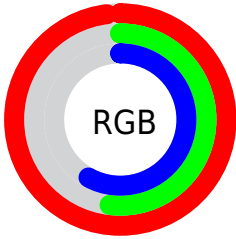
Format	Color
R_{YB}	249, 132, 147
Decimal	16352403
CIE _{Lab}	68.57, 45.94, 12.41
CIE _{LCh}	69, 47.590, 15.111
Yxy	38.7488, 0.4253, 0.3134
Android (android.graphics.Color)	4294542483 (0xFFFF98493)
YUV	168.6930, -10.6946, 70.4292
Hunter-Lab	62.2485, 41.8534, 12.7982

Details

The XYZ color **52.5846, 38.7488, 32.3115** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.2446, 78.5982, 89.9476**, and the grayscale version is **37.5902, 39.5478, 43.0675**.

A 20% lighter version of the original color is **69.5529, 61.0177, 63.3701**, and **25.9399, 17.2738, 13.2763** is the 20% darker color. If you saturate the color by 10%, you get **48.0561, 32.1656, 23.1758**, and if you desaturate by 10%, it is **58.2423, 47.0759, 43.4102**.

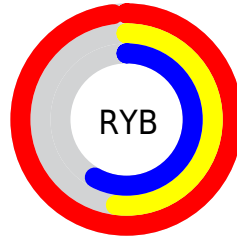
Distribution



Red (98%)

Green (52%)

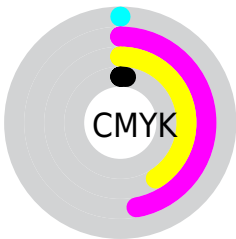
Blue (58%)



Red (98%)

Yellow (52%)

Blue (58%)

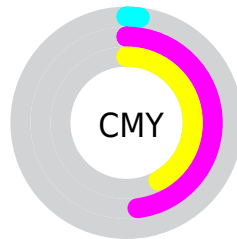


Cyan (0%)

Magenta (47%)

Yellow (41%)

Black (2%)



Cyan (2%)


Magenta (48%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5846, 38.7488, 32.3115 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 52.5846, 38.7488, 32.3115 by changing the saturation by 10% instead.


 52.5846, 38.7488,
32.3115


 52.5846, 38.7488,
32.3115


386.9764,
340.8213, 327.0721


 37.6974, 26.5644,
21.3328


 93.1620, 73.2544,
64.4027

 25.9241, 17.2463,
13.1738


 119.5828, 96.3444,
86.3522

 16.8992, 10.4103,
7.4162


 150.5790,
123.8383, 112.7957

 10.2575, 5.6718,
3.6414

186.5158,
156.1206, 144.1517

 5.6336, 2.6466,
1.4307

227.7586,
193.5757, 180.8389

 2.6621, 0.9501,
0.1655

274.6727,

 0.9777, 0.0000,

236.5879, 223.2756

0.0000

327.6235,
285.5416, 271.8805

■ 0.0000, 0.0000,
0.0000

■ 52.5846, 38.7488,
32.3115

■ 52.5846, 38.7488,
32.3115

■ 48.0561, 32.1656,
23.1758

■ 58.2423, 47.0759,
43.4102

■ 44.5774, 27.1966,
15.8860

■ 65.0954, 57.2527,
56.5753

■ 42.0634, 23.7037,
10.3159

■ 73.2085, 69.3834,
71.9054

■ 40.4144, 21.5228,
6.3222

■ 82.6407, 83.5630,
89.4922

■ 39.5056, 20.4456,
3.7368

■ 92.8769, 98.8797,
108.7983

■ 39.3264, 20.2435,
3.1949

Harmonies

Analogous

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



52.6030, 38.7488, 53.7206



52.5846, 38.7488, 32.3115



47.9764, 38.7488, 19.1687

Triad

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



52.5846, 38.7488, 32.3115



27.5260, 38.7488, 19.2359



33.2462, 38.7488, 96.0331

Complementary

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



52.5846, 38.7488, 32.3115



58.2446, 78.5982, 89.9476

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.



27.5587, 38.7488, 78.7489



52.5846, 38.7488, 32.3115



24.5740, 38.7488, 32.4414

Square

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



52.5846, 38.7488, 32.3115



33.1956, 38.7488, 13.5550



24.5850, 38.7488, 53.9029



40.7195, 38.7488, 95.9612

Rectangle

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



52.5846, 38.7488, 32.3115



43.2400, 38.7488, 14.7163



24.5850, 38.7488, 53.9029



31.0862, 38.7488, 91.8561

Sweetspot

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



52.5856, 38.7508, 32.3122



80.0875, 77.4548, 81.1616



59.0864, 40.7352, 94.3709



16.7021, 15.9181, 16.5484



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.



52.5856, 38.7508, 32.3122



51.1193, 34.5177, 25.2642



58.5436, 52.4286, 28.8665



17.3351, 17.2614, 18.3545



21.0787, 10.8472, 1.8570



1.9798, 1.0156, 0.3169

Inverse Universe

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



52.5856, 38.7508, 32.3122



51.1193, 34.5177, 25.2642



48.7117, 55.9376, 97.8520



17.3351, 17.2614, 18.3545



21.0787, 10.8472, 1.8570



1.9798, 1.0156, 0.3169

Previews

White Background



This preview shows how the XYZ color 52.5846, 38.7488, 32.3115 looks on a white background.

Color Contrast Check

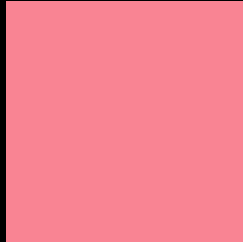
Large Text (above 18pt) WCAG AA × Fail

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 52.5846, 38.7488, 32.3115 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 52.5846, 38.7488, 32.3115

Background



This preview shows how black text looks on a background with the XYZ color 52.5846, 38.7488, 32.3115.



This preview shows how white text looks on a background with the XYZ color 52.5846, 38.7488,

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

52.5846, 38.7488, 32.3115

Protanopia

37.4962, 39.0485, 41.6372

Deuteranopia

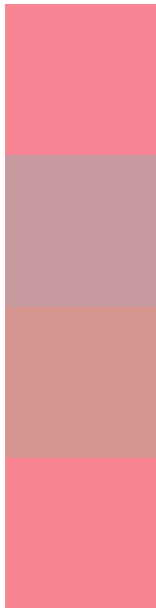
39.6197, 38.7802, 30.9883



Tritanopia

52.3369, 38.8678, 30.3350

Trichromacy



Original Color

52.5846, 38.7488, 32.3115

Protanomaly

41.3668, 37.7565, 37.9084

Deuteranomaly

43.3810, 37.9724, 31.4285

Tritanomaly

52.4885, 38.9284, 31.1330

Monochromacy



Original Color

52.5846, 38.7488, 32.3115

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.6102, 38.3559, 38.9285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5846, 38.7488, 32.3115 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(249, 132, 147)` looks like.

```
.text, #text, p{  
    color:rgb(249, 132, 147)  
}
```

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(249, 132, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 132, 147) }
```

Border

The CSS property to change the border of an element to XYZ 52.5846, 38.7488, 32.3115 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(249, 132, 147) }
```


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

```
.border{ border-color:rgb(249, 132, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 132, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 132, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 132, 147);  
box-shadow:4px 4px 4px 4px rgb(249, 132,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5846, 38.7488, 32.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 132, 147) }
```

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

```
.background{ background-color: rgb(249,  
132, 147) }
```

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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