

Converting Colors

XYZ(51.6021, 38.3504, 26.3559)

Have a look what the booklet for
XYZ(51.6021, 38.3504, 26.3559)
contains.

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Color

**XYZ(51.4830, 38.3082,
26.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	F98484
RGB	249, 132, 132
RGB Percent	98%, 52%, 52%
CMY	0.0235, 0.4823, 0.4823
CMYK	0.00, 0.47, 0.47, 0.02
HSL	0°, 91%, 75%
HSV	0°, 47%, 98%
XYZ	51.4830, 38.3082, 26.5106
YIQ	166.9830, 69.7320, 24.8040

Conversions

Conversions Part 2

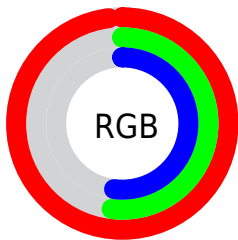
Format	Color
R _Y B	249, 132, 132
Decimal	16352388
CIE Lab	68.25, 44.44, 20.37
CIE LCh	68, 48.889, 24.620
Yxy	38.3082, 0.4427, 0.3294
Android (android.graphics.Color)	4294542468 (0xFFFF98484)
YUV	166.9830, -17.2466, 71.9289
Hunter-Lab	61.8936, 40.1621, 17.9301

Details

The XYZ color **51.4830, 38.3082, 26.5106** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.4883, 79.4923, 101.7776**, and the grayscale version is **36.7810, 38.6964, 42.1404**.

A 20% lighter version of the original color is **67.7673, 60.3034, 53.9669**, and **25.3436, 17.0353, 10.1360** is the 20% darker color. If you saturate the color by 10%, you get **46.9950, 31.7414, 17.5876**, and if you desaturate by 10%, it is **57.1852, 46.6528, 37.8449**.

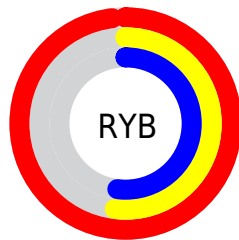
Distribution



Red (98%)

Green (52%)

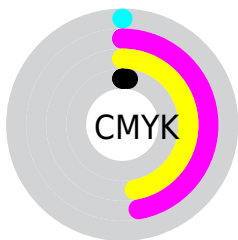
Blue (52%)



Red (98%)

Yellow (52%)

Blue (52%)

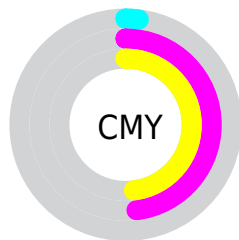


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (2%)



Cyan (2%)


Magenta (48%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4830, 38.3082, 26.5106 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 51.4830, 38.3082, 26.5106 by changing the saturation by 10% instead.


 51.4830, 38.3082,
26.5106


 51.4830, 38.3082,
26.5106


382.7943,
338.9402, 298.9645


 36.8158, 26.2220,
16.9768


 91.5471, 72.5803,
55.0917

 25.2379, 16.9898,
10.0562


 117.6746, 95.5349,
74.9761

 16.3841, 10.2272,
5.3301


 148.3530,
122.8812, 99.1478

 9.8889, 5.5499,
2.3801

183.9475,
155.0034, 128.0253

 5.3871, 2.5734,
0.7756

224.8235,
192.2861, 162.0272

 2.5132, 0.9133,
0.0000

271.3464,

 0.9019, 0.0000,

235.1135, 201.5720

0.0000

323.8815,
283.8701, 247.0783

■ 0.0000, 0.0000,
0.0000

■ 51.4830, 38.3082,
26.5106

■ 51.4830, 38.3082,
26.5106

■ 46.9950, 31.7414,
17.5876

■ 57.1852, 46.6528,
37.8449

■ 43.6306, 26.8183,
10.8997

■ 64.1777, 56.8848,
51.7456

■ 41.2914, 23.3952,
6.2499


■ 72.5337, 69.1120,
68.3570

■ 39.8607, 21.3015,
3.4060

■ 82.3203, 83.4325,
87.8124

■ 39.1894, 20.3192,
2.0719

■ 92.8768, 98.8797,
108.7983

 39.0669, 20.1399,
1.8283

Harmonies

Analogous

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



53.1022, 38.3082, 45.7862



51.4830, 38.3082, 26.5106



45.6066, 38.3082, 15.9333

Triad

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



51.4830, 38.3082, 26.5106



25.6885, 38.3082, 21.7689



35.0492, 38.3082, 99.2631

Complementary

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



51.4830, 38.3082, 26.5106



60.4883, 79.4923, 101.7776

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.



28.5425, 38.3082, 86.3357



51.4830, 38.3082, 26.5106



23.6443, 38.3082, 37.8853

Square

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



51.4830, 38.3082, 26.5106



30.6215, 38.3082, 13.9434



24.6111, 38.3082, 61.8320



42.8873, 38.3082, 92.9098

Rectangle

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



51.4830, 38.3082, 26.5106



40.4521, 38.3082, 12.8553



24.6111, 38.3082, 61.8320



32.6480, 38.3082, 96.9239

Sweetspot

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



51.4840, 38.3102, 26.5113



79.4761, 77.2110, 77.9395



64.4170, 43.4820, 94.6199



16.5556, 15.8598, 15.7767



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.



51.4840, 38.3102, 26.5113



49.9929, 34.0685, 19.3287



61.7537, 58.8497, 29.9345



17.2448, 17.2254, 17.8783



20.9120, 10.7807, 0.9787



1.9368, 0.9985, 0.0907

Inverse Universe

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



60.4883, 79.4923, 101.7776



60.5151, 82.1930, 107.2831



45.1367, 48.7892, 96.6605



17.7658, 19.6085, 22.2337



27.2837, 39.9230, 54.2415



2.5270, 3.6976, 5.0237

Previews

White Background



This preview shows how the XYZ color 51.4830, 38.3082, 26.5106 looks on a white background.

Color Contrast Check

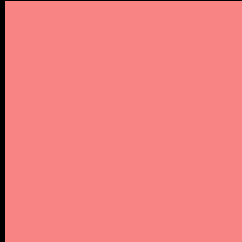
Large Text (above 18pt) WCAG AA × Fail

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 51.4830, 38.3082, 26.5106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

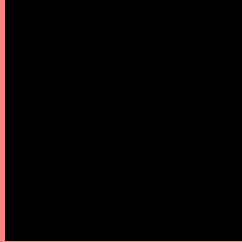
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4830, 38.3082, 26.5106

Background



This preview shows how black text looks on a background with the XYZ color 51.4830, 38.3082, 26.5106.



This preview shows how white text looks on a background with the XYZ color 51.4830, 38.3082,

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

51.4830, 38.3082, 26.5106

Protanopia

36.5166, 38.4410, 33.9290

Deuteranopia

39.1665, 38.4097, 25.4282



Tritanopia

52.2743, 38.4500, 29.4774

Trichromacy



Original Color

51.4830, 38.3082, 26.5106

Protanomaly

40.6009, 37.5119, 31.0872

Deuteranomaly

42.8931, 37.8447, 25.8129

Tritanomaly

52.0560, 38.3627, 28.3280

Monochromacy



Original Color

51.4830, 38.3082, 26.5106

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

40.4143, 37.3146, 35.6442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4830, 38.3082, 26.5106 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, 132)` looks like.

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

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, 132) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 51.4830, 38.3082, 26.5106 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, 132) }
```


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

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

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, 132) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 51.4830, 38.3082, 26.5106 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, 132) }
```

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

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

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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