

Converting Colors

XYZ(51.3797, 38.7713, 28.0984)

Have a look what the booklet for
XYZ(51.3797, 38.7713, 28.0984)
contains.

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Color

**XYZ(51.4657, 38.8797,
28.0845)**

Conversions

Conversions Part 1

Format	Color
Hex	F78788
RGB	247, 135, 136
RGB Percent	97%, 53%, 53%
CMY	0.0314, 0.4706, 0.4667
CMYK	0.00, 0.45, 0.45, 0.03
HSL	359°, 87%, 75%
HSV	359°, 45%, 97%
XYZ	51.4657, 38.8797, 28.0845
YIQ	168.6020, 66.4310, 24.0550

Conversions

Conversions Part 2

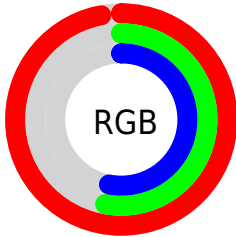
Format	Color
R_{YB}	247, 135, 136
Decimal	16222088
CIE _{Lab}	68.66, 42.60, 18.66
CIE _{LCh}	69, 46.510, 23.655
Yxy	38.8797, 0.4346, 0.3283
Android (android.graphics.Color)	4294412168 (0xFFFF78788)
YUV	168.6020, -16.0728, 68.7550
Hunter-Lab	62.3536, 38.2124, 16.9429

Details

The XYZ color **51.4657, 38.8797, 28.0845** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.8890, 78.3271, 99.1559**, and the grayscale version is **37.5705, 39.5271, 43.0450**.

A 20% lighter version of the original color is **68.8388, 61.7610, 56.4370**, and **25.1905, 17.2713, 10.8101** is the 20% darker color. If you saturate the color by 10%, you get **46.8648, 32.1516, 18.9253**, and if you desaturate by 10%, it is **57.2652, 47.3693, 39.6041**.

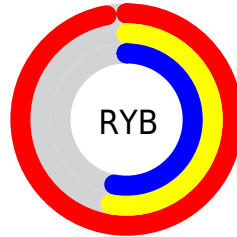
Distribution



Red (97%)

Green (53%)

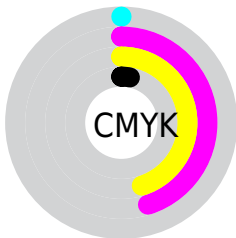
Blue (53%)



Red (97%)

Yellow (53%)

Blue (53%)

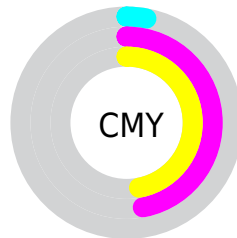


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (3%)



Cyan (3%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4657, 38.8797, 28.0845 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 51.4657, 38.8797, 28.0845 by changing the saturation by 10% instead.


 51.4657, 38.8797,
28.0845

 51.4657, 38.8797,
28.0845


382.7283,
341.3788, 306.7951


 36.8019, 26.6662,
18.1498


 91.5217, 73.4545,
57.6440

 25.2271, 17.3227,
10.8870


 117.6446, 96.5846,
78.1059

 16.3760, 10.4648,
5.8777


 148.3179,
124.1222, 102.9140

 9.8831, 5.7082,
2.7033

183.9070,
156.4519, 132.4867

 5.3832, 2.6685,
0.9451

224.7773,
193.9580, 167.2426

 2.5109, 0.9612,
0.0000

271.2940,

 0.9007, 0.0000,

237.0249, 207.6003

0.0000

323.8226,
286.0370, 253.9783

■ 0.0000, 0.0000,
0.0000

■ 51.4657, 38.8797,
28.0845

■ 51.4657, 38.8797,
28.0845

■ 46.8648, 32.1516,
18.9253

■ 57.2652, 47.3693,
39.6041

■ 43.3761, 27.0559,
11.9614

■ 64.3359, 57.7257,
53.6295

■ 40.9064, 23.4557,
7.0096


■ 72.7481, 70.0531,
70.2972

■ 39.3460, 21.1889,
3.8564

■ 82.5661, 84.4462,
89.7329

■ 38.5598, 20.0559,
2.2401

■ 92.1677, 98.5141,
108.7651

 38.3697, 19.7789,
1.8583

Harmonies

Analogous

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



52.8506, 38.8797, 46.9643



51.4657, 38.8797, 28.0845



45.9759, 38.8797, 17.3892

Triad

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



51.4657, 38.8797, 28.0845



26.7016, 38.8797, 22.5954



35.4145, 38.8797, 96.6308

Complementary

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



51.4657, 38.8797, 28.0845



59.8890, 78.3271, 99.1559

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.



29.1970, 38.8797, 84.0072



51.4657, 38.8797, 28.0845



24.6149, 38.8797, 38.0173

Square

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



51.4657, 38.8797, 28.0845



31.5698, 38.8797, 15.0334



25.4640, 38.8797, 60.7336



42.9180, 38.8797, 91.2683

Rectangle

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



51.4657, 38.8797, 28.0845



41.0745, 38.8797, 14.1657



25.4640, 38.8797, 60.7336



33.1187, 38.8797, 94.2453

Sweetspot

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



51.4667, 38.8817, 28.0852



79.5174, 77.2267, 78.1596



63.1562, 43.4818, 93.0597



16.5655, 15.8635, 15.8293



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.



51.4667, 38.8817, 28.0852



50.9374, 35.3731, 21.4456



60.9585, 57.9778, 30.9023



16.5051, 16.4849, 17.1406



20.2952, 10.4615, 0.9970



1.7858, 0.9203, 0.0985

Inverse Universe

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



51.4667, 38.8817, 28.0852



50.9374, 35.3731, 21.4456



45.8226, 49.9494, 95.2216



16.5051, 16.4849, 17.1406



20.2952, 10.4615, 0.9970



1.7858, 0.9203, 0.0985

Previews

White Background



This preview shows how the XYZ color 51.4657, 38.8797, 28.0845 looks on a white background.

Color Contrast Check

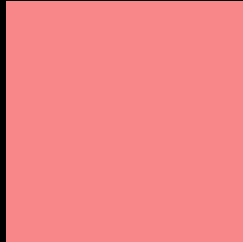
Large Text (above 18pt) WCAG AA × Fail

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 51.4657, 38.8797, 28.0845 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 51.4657, 38.8797, 28.0845

Background



This preview shows how black text looks on a background with the XYZ color 51.4657, 38.8797, 28.0845.



This preview shows how white text looks on a background with the XYZ color 51.4657, 38.8797,

28.0845.

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

51.4657, 38.8797, 28.0845

Protanopia

37.1654, 39.0184, 35.2782

Deuteranopia

39.6066, 38.8642, 26.8868



Tritanopia

52.2705, 39.0203, 31.1623

Trichromacy



Original Color

51.4657, 38.8797, 28.0845



Protanomaly

40.9970, 37.9355, 32.3556



Deuteranomaly

43.4862, 38.5970, 27.3483



Tritanomaly

52.0442, 38.9297, 29.9705

Monochromacy



Original Color

51.4657, 38.8797, 28.0845



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

41.1687, 38.4186, 37.1440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4657, 38.8797, 28.0845 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(247, 135, 136)` looks like.

```
.text, #text, p{  
    color:rgb(247, 135, 136)  
}
```

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(247, 135, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 135, 136) }
```

Border

The CSS property to change the border of an element to XYZ 51.4657, 38.8797, 28.0845 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(247, 135, 136) }
```


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

```
.border{ border-color:rgb(247, 135, 136) }
```

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

Here you see how a box with a 4 pixel rgb(247, 135, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 135, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 135, 136);  
box-shadow:4px 4px 4px 4px rgb(247, 135,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4657, 38.8797, 28.0845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 135, 136) }
```

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

```
.background{ background-color: rgb(247,  
135, 136) }
```

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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