

Converting Colors

XYZ(60.3948, 52.8962, 38.9262)

Have a look what the booklet for
XYZ(60.3948, 52.8962, 38.9262)
contains.

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Color

**XYZ(60.2888, 52.8462,
38.9211)**

Conversions

Conversions Part 1

Format	Color
Hex	F9AE9D
RGB	249, 174, 157
RGB Percent	98%, 68%, 62%
CMY	0.0235, 0.3176, 0.3843
CMYK	0.00, 0.30, 0.37, 0.02
HSL	11°, 88%, 80%
HSV	11°, 37%, 98%
XYZ	60.2888, 52.8462, 38.9211
YIQ	194.4870, 50.1570, 10.6130

Conversions

Conversions Part 2

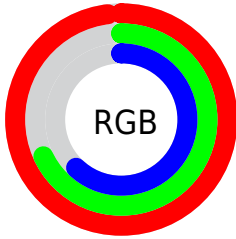
Format	Color
R _Y B	249, 178, 157
Decimal	16363165
CIE Lab	77.78, 25.36, 19.76
CIE LCh	78, 32.150, 37.917
Yxy	52.8462, 0.3965, 0.3475
Android (android.graphics.Color)	4294553245 (0xFFF9AE9D)
YUV	194.4870, -18.4811, 47.8079
Hunter-Lab	72.6954, 20.8193, 19.1429

Details

The XYZ color **60.2888, 52.8462, 38.9211** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.8590, 71.7182, 100.3106**, and the grayscale version is **51.6534, 54.3434, 59.1800**.

A 20% lighter version of the original color is **81.4205, 82.6071, 73.9408**, and **30.9247, 25.7917, 16.9841** is the 20% darker color. If you saturate the color by 10%, you get **54.7464, 44.8237, 27.6326**, and if you desaturate by 10%, it is **66.8598, 62.2321, 52.6907**.

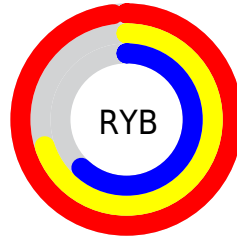
Distribution



Red (98%)

Green (68%)

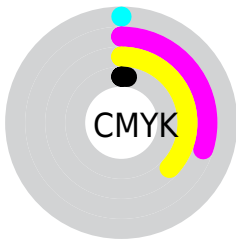
Blue (62%)



Red (98%)

Yellow (70%)

Blue (62%)

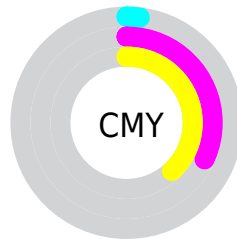


Cyan (0%)

Magenta (30%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (32%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2888, 52.8462, 38.9211 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 60.2888, 52.8462, 38.9211 by changing the saturation by 10% instead.


 60.2888, 52.8462,
38.9211

 60.2888, 52.8462,
38.9211


415.4792,
397.6948, 356.9709

 43.9018, 37.6800,
26.3910


 104.3525, 94.3780,
74.7368

 30.7909, 25.7344,
16.8880


 132.7598,
121.5124, 98.8594

 20.5907, 16.6251,
9.9935


165.9047,
153.4050, 127.6834

 12.9359, 9.9675,
5.2891

204.1525,
190.4402, 161.6271

 7.4611, 5.3774,
2.3562

247.8684,
233.0024, 201.1092

 3.8010, 2.4704,
0.7624

297.4180,

 1.5902, 0.8617,

281.4760, 246.5481

0.0000

353.1664,
336.2453, 298.3625

■ 0.3860, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2888, 52.8462,
38.9211

■ 60.2888, 52.8462,
38.9211

■ 54.7464, 44.8237,
27.6326

■ 66.8598, 62.2321,
52.6907

■ 50.1754, 38.0935,
18.6738

■ 74.5042, 73.0332,
69.0743

■ 46.5193, 32.5893,
11.8814

■ 83.2694, 85.3078,
88.1991

■ 43.7138, 28.2357,
7.0697

■ 92.8769, 98.8797,
108.7983

■ 41.6856, 24.9489,
4.0211

■ 40.3465, 22.6322,
2.4602

■ 40.0449, 22.0957,
2.1543

Harmonies

Analogous

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



63.0584, 52.8462, 52.9415



60.2888, 52.8462, 38.9211



54.8703, 52.8462, 31.2361

Triad

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



60.2888, 52.8462, 38.9211



39.9219, 52.8462, 45.5775



51.8975, 52.8462, 98.6698

Complementary

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



60.2888, 52.8462, 38.9211



59.8590, 71.7182, 100.3106

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.



45.8566, 52.8462, 95.5643



60.2888, 52.8462, 38.9211



39.2691, 52.8462, 62.3985

Square

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



60.2888, 52.8462, 38.9211



43.2182, 52.8462, 34.4888



41.3551, 52.8462, 81.3140



57.9591, 52.8462, 89.0867

Rectangle

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



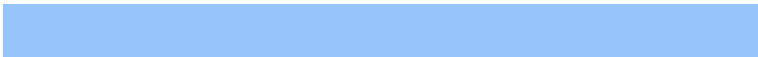
60.2888, 52.8462, 38.9211



50.6656, 52.8462, 29.6049



41.3551, 52.8462, 81.3140



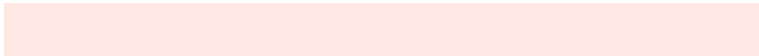
49.7943, 52.8462, 99.1066

Sweetspot

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



60.2902, 52.8487, 38.9221



83.9928, 84.5924, 84.5379



65.7086, 50.0880, 82.6482



17.7082, 17.7286, 17.5059



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.



60.2902, 52.8487, 38.9221



59.3759, 49.6234, 32.3561



70.7112, 73.6908, 42.3958



17.5041, 17.7441, 17.9648



21.5094, 11.9755, 1.1778



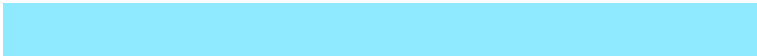
2.0601, 1.2450, 0.1317

Inverse Universe

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



59.8590, 71.7182, 100.3106



58.8402, 72.0361, 105.4109



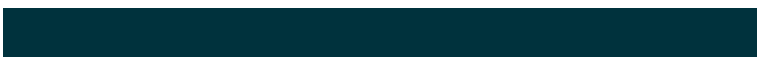
48.5910, 49.1822, 96.5546



17.4770, 19.0309, 22.1375



20.6788, 26.7131, 52.0398



1.9835, 2.6107, 4.8426

Previews

White Background



This preview shows how the XYZ color 60.2888, 52.8462, 38.9211 looks on a white background.

Color Contrast Check

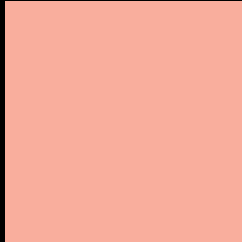
Large Text (above 18pt) WCAG AA × Fail

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 60.2888, 52.8462, 38.9211 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 60.2888, 52.8462, 38.9211

Background



This preview shows how black text looks on a background with the XYZ color 60.2888, 52.8462, 38.9211.



This preview shows how white text looks on a background with the XYZ color 60.2888, 52.8462,

38.9211.

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

60.2888, 52.8462, 38.9211

Protanopia

50.0897, 53.0090, 43.6681

Deuteranopia

54.0058, 52.9118, 38.3769



Tritanopia

62.7056, 52.6776, 51.6626

Trichromacy



Original Color

60.2888, 52.8462, 38.9211

Protanomaly

53.1732, 52.4023, 41.9625

Deuteranomaly

56.1289, 52.7717, 38.6801

Tritanomaly

61.6272, 52.5058, 46.9309

Monochromacy



Original Color

60.2888, 52.8462, 38.9211

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.8424, 53.1730, 51.1417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2888, 52.8462, 38.9211 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, 174, 157)` looks like.

```
.text, #text, p{  
    color:rgb(249, 174, 157)  
}
```

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, 174, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 174, 157) }
```

Border

The CSS property to change the border of an element to XYZ 60.2888, 52.8462, 38.9211 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, 174, 157) }
```


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

```
.border{ border-color:rgb(249, 174, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 174, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 174, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 174, 157);  
box-shadow:4px 4px 4px 4px rgb(249, 174,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2888, 52.8462, 38.9211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 174, 157) }
```

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

```
.background{ background-color: rgb(249,  
174, 157) }
```

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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