

Converting Colors

XYZ(49.6186, 38.2005, 28.1713)

Have a look what the booklet for
XYZ(49.6186, 38.2005, 28.1713)
contains.

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Color

**XYZ(49.5237, 38.0867,
28.0338)**

Conversions

Conversions Part 1

Format	Color
Hex	F18888
RGB	241, 136, 136
RGB Percent	95%, 53%, 53%
CMY	0.0549, 0.4666, 0.4667
CMYK	0.00, 0.44, 0.44, 0.05
HSL	0°, 79%, 74%
HSV	0°, 44%, 95%
XYZ	49.5237, 38.0867, 28.0338
YIQ	167.3950, 62.5800, 22.2600

Conversions

Conversions Part 2

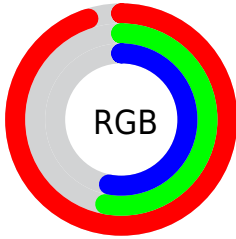
Format	Color
RYB	241, 136, 136
Decimal	15829128
CIELab	68.08, 39.91, 17.74
CIELCh	68, 43.673, 23.965
Yxy	38.0867, 0.4282, 0.3293
Android (android.graphics.Color)	4294019208 (0xFFFF18888)
YUV	167.3950, -15.4777, 64.5516
Hunter-Lab	61.7144, 35.2399, 16.2676

Details

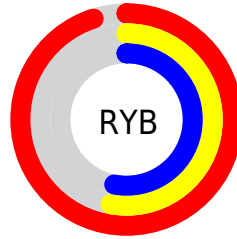
The XYZ color **49.5237, 38.0867, 28.0338** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.4840, 74.4920, 94.5675**, and the grayscale version is **36.9761, 38.9018, 42.3640**.

A 20% lighter version of the original color is **69.0561, 62.1957, 56.5094**, and **24.1414, 16.9576, 10.8049** is the 20% darker color. If you saturate the color by 10%, you get **44.9787, 31.4365, 18.9976**, and if you desaturate by 10%, it is **55.2186, 46.4206, 39.3537**.

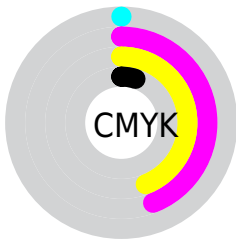
Distribution



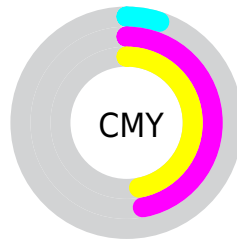
- Red (95%)
- Green (53%)
- Blue (53%)



- Red (95%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (44%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5237, 38.0867, 28.0338 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 49.5237, 38.0867, 28.0338 by changing the saturation by 10% instead.


 49.5237, 38.0867,
28.0338


 49.5237, 38.0867,
28.0338


375.2832,
337.9917, 306.5454


 35.2513, 26.0500,
18.1119


 88.6648, 72.2410,
57.5622

 24.0240, 16.8610,
10.8601


 114.2643, 95.1274,
78.0057

 15.4762, 10.1355,
5.8598


 144.3702,
122.3991, 102.7934

 9.2428, 5.4889,
2.6926

179.3478,
154.4406, 132.3440

 4.9583, 2.5369,
0.9397

219.5626,
191.6362, 167.0760

 2.2573, 0.8950,
0.0000

265.3799,

 0.7727, 0.0000,

234.3703, 207.4078

0.0000

317.1650,
283.0274, 253.7581

■ 0.0000, 0.0000,
0.0000

■ 49.5237, 38.0867,
28.0338

■ 49.5237, 38.0867,
28.0338

■ 44.9787, 31.4365,
18.9976

■ 55.2186, 46.4206,
39.3537

■ 41.5029, 26.3503,
12.0880

■ 62.1313, 56.5357,
53.0957

■ 39.0096, 22.7018,
7.1319


■ 70.3275, 68.5291,
69.3896

■ 37.3976, 20.3428,
3.9276

■ 79.8677, 82.4892,
88.3553

■ 36.5435, 19.0930,
2.2302

■ 90.0855, 97.4407,
108.6677

 36.2757, 18.7010,
1.6977

Harmonies

Analogous

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



50.8360, 38.0867, 45.5366



49.5237, 38.0867, 28.0338



44.4574, 38.0867, 17.9463

Triad

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



49.5237, 38.0867, 28.0338



26.6155, 38.0867, 23.0985



34.8417, 38.0867, 91.0215

Complementary

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



49.5237, 38.0867, 28.0338



57.4840, 74.4920, 94.5675

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.



29.0346, 38.0867, 79.7598



49.5237, 38.0867, 28.0338



24.6836, 38.0867, 37.6529

Square

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



49.5237, 38.0867, 28.0338



31.1408, 38.0867, 15.7849



25.5104, 38.0867, 58.6314



41.7800, 38.0867, 86.0106

Rectangle

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



49.5237, 38.0867, 28.0338



39.9368, 38.0867, 14.8720



25.5104, 38.0867, 58.6314



32.7044, 38.0867, 88.9258

Sweetspot

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



49.5247, 38.0886, 28.0345



80.4867, 78.6898, 79.9484



60.9569, 42.6602, 88.2403



16.7544, 16.1507, 16.1719



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.



49.5247, 38.0886, 28.0345



51.7874, 36.6945, 22.8958



58.8098, 56.6589, 31.1296



15.7729, 15.7590, 16.3602



19.6716, 10.1412, 0.9206



1.6365, 0.8437, 0.0766

Inverse Universe

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



57.4840, 74.4920, 94.5675



61.8903, 82.9019, 107.3474



44.1209, 47.7658, 90.1131



16.2474, 17.9288, 20.3259



25.6651, 37.5545, 51.0239



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 49.5237, 38.0867, 28.0338 looks on a white background.

Color Contrast Check

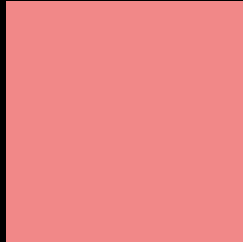
Large Text (above 18pt) WCAG AA × Fail

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 49.5237, 38.0867, 28.0338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

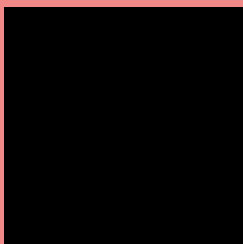
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5237, 38.0867, 28.0338

Background



This preview shows how black text looks on a background with the XYZ color 49.5237, 38.0867, 28.0338.



This preview shows how white text looks on a background with the XYZ color 49.5237, 38.0867,

28.0338.

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

49.5237, 38.0867, 28.0338

Protanopia

36.4557, 38.3910, 34.7669

Deuteranopia

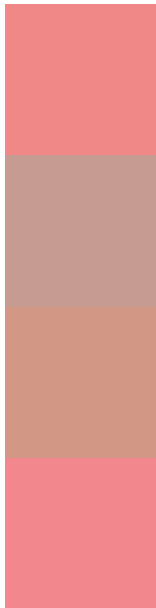
38.9838, 38.2769, 27.1633



Tritanopia

50.3928, 38.2495, 31.5150

Trichromacy



Original Color

49.5237, 38.0867, 28.0338

Protanomaly

40.1984, 37.5238, 32.3183

Deuteranomaly

42.1642, 37.6756, 27.2401

Tritanomaly

50.1644, 38.1582, 30.3125

Monochromacy



Original Color

49.5237, 38.0867, 28.0338

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

40.1374, 37.6466, 36.6035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5237, 38.0867, 28.0338 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(241, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(241, 136, 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(241, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 136, 136) }
```

Border

The CSS property to change the border of an element to XYZ 49.5237, 38.0867, 28.0338 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(241, 136, 136) }
```


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

```
.border{ border-color:rgb(241, 136, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 136, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(241, 136,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5237, 38.0867, 28.0338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 136, 136) }
```

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

```
.background{ background-color: rgb(241,  
136, 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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