

Converting Colors

XYZ(48.5104, 38.1894, 21.3839)

Have a look what the booklet for
XYZ(48.5104, 38.1894, 21.3839)
contains.

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Color

**XYZ(48.5165, 38.1387,
21.3274)**

Conversions

Conversions Part 1

Format	Color
Hex	F18A74
RGB	241, 138, 116
RGB Percent	95%, 54%, 45%
CMY	0.0549, 0.4588, 0.5451
CMYK	0.00, 0.43, 0.52, 0.05
HSL	11°, 82%, 70%
HSV	11°, 52%, 95%
XYZ	48.5165, 38.1387, 21.3274
YIQ	166.2890, 68.4500, 14.9940

Conversions

Conversions Part 2

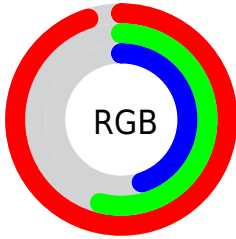
Format	Color
RYB	241, 143, 116
Decimal	15829620
CIELab	68.12, 37.00, 28.89
CIElCh	68, 46.940, 37.983
Yxy	38.1387, 0.4493, 0.3532
Android (android.graphics.Color)	4294019700 (0xFFFF18A74)
YUV	166.2890, -24.7925, 65.5215
Hunter-Lab	61.7565, 32.1573, 22.7540

Details

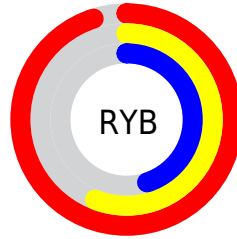
The XYZ color **48.5165, 38.1387, 21.3274** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.4097, 60.7238, 92.3882**, and the grayscale version is **36.4794, 38.3792, 41.7949**.

A 20% lighter version of the original color is **67.3778, 62.2271, 45.5056**, and **23.3970, 16.8846, 7.3361** is the 20% darker color. If you saturate the color by 10%, you get **44.6990, 32.4639, 14.0129**, and if you desaturate by 10%, it is **53.2203, 45.0046, 30.7318**.

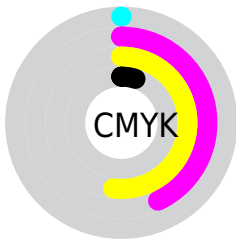
Distribution



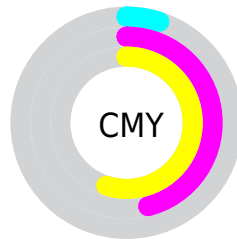
- Red (95%)
- Green (54%)
- Blue (45%)



- Red (95%)
- Yellow (56%)
- Blue (45%)



- Cyan (0%)
- Magenta (43%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5165, 38.1387, 21.3274 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 48.5165, 38.1387, 21.3274 by changing the saturation by 10% instead.


 48.5165, 38.1387,
21.3274

 48.5165, 38.1387,
21.3274


371.3844,
338.2146, 271.8513


 34.4490, 26.0904,
13.1700


 87.1780, 72.3207,
46.5196

 23.4033, 16.8912,
7.4136


 112.5027, 95.2231,
64.3915

 15.0139, 10.1570,
3.6397


 142.3106,
122.5123, 86.3386

 8.9155, 5.5032,
1.4299

176.9669,
154.5728, 112.7794

 4.7428, 2.5454,
0.1648

216.8371,
191.7888, 144.1326

 2.1304, 0.8993,
0.0000

262.2865,

 0.7056, 0.0000,

234.5449, 180.8166

0.0000

313.6805,
283.2253, 223.2500

■ 0.0000, 0.0000,
0.0000

■ 48.5165, 38.1387,
21.3274

■ 48.5165, 38.1387,
21.3274

■ 44.6990, 32.4639,
14.0129

■ 53.2203, 45.0046,
30.7318

■ 41.7079, 27.9059,
8.6252

■ 58.8595, 53.1183,
42.3679

■ 39.4800, 24.3912,
4.9807


■ 65.4830, 62.5403,
56.3675

■ 37.9406, 21.8345,
2.8582

■ 73.1352, 73.3251,
72.8515

■ 37.1187, 20.3871,
1.9787

■ 81.8578, 85.5242,
91.9325

 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



52.0549, 38.1387, 36.1748



48.5165, 38.1387, 21.3274



41.7874, 38.1387, 14.2415

Triad

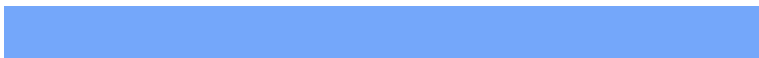
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.5165, 38.1387, 21.3274



24.7020, 38.1387, 28.1718



38.2403, 38.1387, 95.6179

Complementary

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



48.5165, 38.1387, 21.3274



48.4097, 60.7238, 92.3882

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.



31.2242, 38.1387, 91.2410



48.5165, 38.1387, 21.3274



24.0191, 38.1387, 47.3817

Square

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



48.5165, 38.1387, 21.3274



28.2576, 38.1387, 17.1651



26.2472, 38.1387, 71.6101



45.6224, 38.1387, 82.1005

Rectangle

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



48.5165, 38.1387, 21.3274



36.7473, 38.1387, 12.8604



26.2472, 38.1387, 71.6101



35.7566, 38.1387, 96.2572

Sweetspot

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



48.5174, 38.1407, 21.3281



79.3608, 78.0405, 74.6329



55.4614, 36.3679, 71.9224



16.6032, 16.1636, 15.1493



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.



48.5174, 38.1407, 21.3281



50.6929, 36.7210, 15.7009



59.9282, 60.9622, 25.1317



15.9978, 16.2086, 16.4351



20.1967, 11.1915, 1.0957



1.7437, 1.0580, 0.1123

Inverse Universe

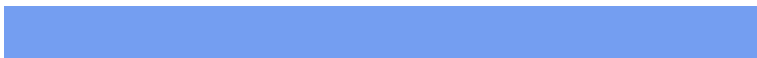
The Inverse Universe completely reimagines the original color for something new.



48.4097, 60.7238, 92.3882



50.4838, 64.7853, 104.4518



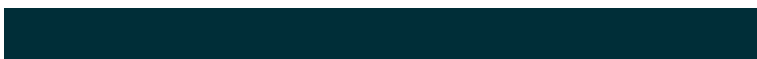
35.2499, 34.4043, 88.0016



15.9969, 17.4278, 20.2424



19.7212, 25.6666, 49.0426



1.7020, 2.2580, 4.1004

Previews

White Background



This preview shows how the XYZ color 48.5165, 38.1387, 21.3274 looks on a white background.

Color Contrast Check

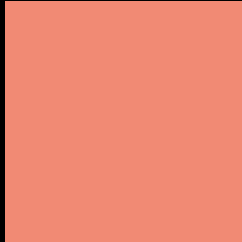
Large Text (above 18pt) WCAG AA × Fail

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 48.5165, 38.1387, 21.3274 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 48.5165, 38.1387, 21.3274

Background



This preview shows how black text looks on a background with the XYZ color 48.5165, 38.1387, 21.3274.



This preview shows how white text looks on a background with the XYZ color 48.5165, 38.1387,

21.3274.

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

48.5165, 38.1387, 21.3274

Protanopia

35.8926, 38.2959, 25.9222

Deuteranopia

38.8760, 38.1082, 20.6359



Tritanopia

50.5213, 38.1185, 31.0804

Trichromacy



Original Color

48.5165, 38.1387, 21.3274

Protanomaly

39.6140, 37.6497, 24.2480

Deuteranomaly

41.7788, 37.6216, 20.6825

Tritanomaly

49.5850, 37.9264, 27.2614

Monochromacy



Original Color

48.5165, 38.1387, 21.3274

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

39.2261, 37.2525, 33.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5165, 38.1387, 21.3274 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, 138, 116)` looks like.

```
.text, #text, p{  
    color:rgb(241, 138, 116)  
}
```

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, 138, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 138, 116) }
```

Border

The CSS property to change the border of an element to XYZ 48.5165, 38.1387, 21.3274 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, 138, 116) }
```


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

```
.border{ border-color:rgb(241, 138, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 138, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 138, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 138, 116);  
box-shadow:4px 4px 4px 4px rgb(241, 138,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5165, 38.1387, 21.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 138, 116) }
```

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

```
.background{ background-color: rgb(241,  
138, 116) }
```

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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