

Converting Colors

XYZ(48.0717, 38.1710, 18.1703)

Have a look what the booklet for
XYZ(48.0717, 38.1710, 18.1703)
contains.

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Color

**XYZ(48.0580, 38.1859,
18.2023)**

Conversions

Conversions Part 1

Format	Color
Hex	F18B69
RGB	241, 139, 105
RGB Percent	95%, 55%, 41%
CMY	0.0549, 0.4549, 0.5882
CMYK	0.00, 0.42, 0.56, 0.05
HSL	15°, 83%, 68%
HSV	15°, 56%, 95%
XYZ	48.0580, 38.1859, 18.2023
YIQ	165.6220, 71.7060, 11.0500

Conversions

Conversions Part 2

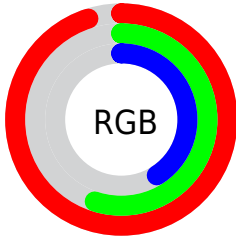
Format	Color
R _Y B	241, 150, 105
Decimal	15829865
CIE Lab	68.16, 35.59, 34.92
CIE LCh	68, 49.859, 44.462
Yxy	38.1859, 0.4601, 0.3656
Android (android.graphics.Color)	4294019945 (0xFFFF18B69)
YUV	165.6220, -29.8866, 66.1065
Hunter-Lab	61.7947, 30.6793, 25.7918

Details

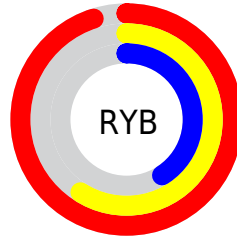
The XYZ color **48.0580, 38.1859, 18.2023** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.0143, 53.9768, 91.3174**, and the grayscale version is **36.1794, 38.0635, 41.4512**.

A 20% lighter version of the original color is **66.6176, 62.2779, 40.4080**, and **23.2028, 16.9356, 5.9169** is the 20% darker color. If you saturate the color by 10%, you get **44.5862, 32.9518, 11.7756**, and if you desaturate by 10%, it is **52.3153, 44.4297, 26.6227**.

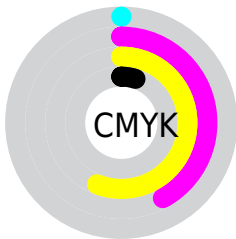
Distribution



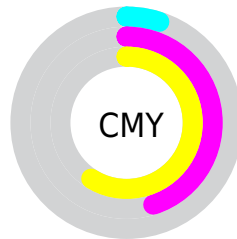
- Red (95%)
- Green (55%)
- Blue (41%)



- Red (95%)
- Yellow (59%)
- Blue (41%)



- Cyan (0%)
- Magenta (42%)
- Yellow (56%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0580, 38.1859, 18.2023 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 48.0580, 38.1859, 18.2023 by changing the saturation by 10% instead.


 48.0580, 38.1859,
18.2023


 48.0580, 38.1859,
18.2023


369.6007,
338.4168, 254.2831


 34.0843, 26.1270,
10.9244


 86.4999, 72.3930,
41.2003


 23.1215, 16.9187,
5.9025


 111.6988, 95.3100,
57.7575

 14.8045, 10.1765,
2.7180


 141.3702,
122.6151, 78.2449

 8.7677, 5.5162,
0.9525

 175.8793,
154.6928, 103.0809

 4.6459, 2.5532,
0.0000

215.5915,
191.9274, 132.6843

 2.0736, 0.9032,
0.0000

260.8723,

 0.6748, 0.0000,

234.7033, 167.4734

0.0000

312.0869,
283.4050, 207.8668

■ 0.0000, 0.0000,
0.0000

■ 48.0580, 38.1859,
18.2023

■ 48.0580, 38.1859,
18.2023

■ 44.5862, 32.9518,
11.7756

■ 52.3153, 44.4297,
26.6227

■ 41.8452, 28.6666,
7.1727

■ 57.4019, 51.7274,
37.1832

■ 39.7774, 25.2721,
4.1985

■ 63.3618, 60.1281,
50.0189

■ 38.3126, 22.6996,
2.6092

■ 70.2348, 69.6756,
65.2531

■ 37.9050, 21.9597,
2.2408

■ 78.0581, 80.4114,
83.0000

86.8669, 92.3750,
103.3666

90.0854, 97.4407,
108.6677

Harmonies

Analogous

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



52.8006, 38.1859, 31.7660



48.0580, 38.1859, 18.2023



40.4529, 38.1859, 12.4456

Triad

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



48.0580, 38.1859, 18.2023



23.7007, 38.1859, 31.1210



40.1620, 38.1859, 98.4222

Complementary

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



48.0580, 38.1859, 18.2023



44.0143, 53.9768, 91.3174

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.



32.4314, 38.1859, 98.0528



48.0580, 38.1859, 18.2023



23.6460, 38.1859, 53.2272

Square

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



48.0580, 38.1859, 18.2023



26.7887, 38.1859, 17.8763



26.6268, 38.1859, 79.4053



47.8189, 38.1859, 80.2841

Rectangle

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



48.0580, 38.1859, 18.2023



35.1426, 38.1859, 11.8138



26.6268, 38.1859, 79.4053



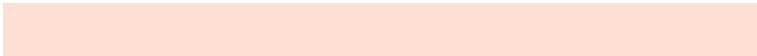
37.4714, 38.1859, 100.6199

Sweetspot

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



48.0589, 38.1879, 18.2030



79.3310, 78.4987, 73.0267



52.5896, 33.3091, 62.6889



16.6276, 16.3145, 14.8430



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.



48.0589, 38.1879, 18.2030



50.0761, 36.5197, 12.3128



61.1381, 64.3462, 22.5627



16.0939, 16.4009, 16.4672



20.6449, 12.0878, 1.2451



1.7939, 1.1585, 0.1291

Inverse Universe

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



44.0143, 53.9768, 91.3174



44.9491, 55.9043, 103.0293



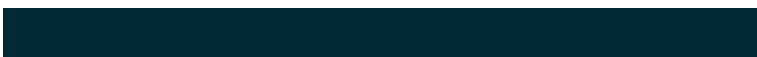
30.9357, 27.8197, 86.9578



15.8932, 17.2205, 20.2078



17.6542, 21.5326, 48.3536



1.5468, 1.9476, 4.0486

Previews

White Background



This preview shows how the XYZ color 48.0580, 38.1859, 18.2023 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 48.0580, 38.1859, 18.2023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

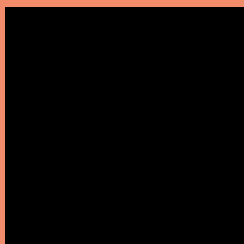
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0580, 38.1859, 18.2023

Background



This preview shows how black text looks on a background with the XYZ color 48.0580, 38.1859, 18.2023.



This preview shows how white text looks on a background with the XYZ color 48.0580, 38.1859,

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

48.0580, 38.1859, 18.2023

Protanopia

35.6110, 38.2367, 22.0265

Deuteranopia

39.1042, 38.2924, 17.6421



Tritanopia

50.8674, 38.2969, 31.0966

Trichromacy



Original Color

48.0580, 38.1859, 18.2023

Protanomaly

39.1702, 37.5033, 20.5036

Deuteranomaly

41.9454, 38.0147, 17.6972

Tritanomaly

49.7956, 38.2747, 25.8823

Monochromacy



Original Color

48.0580, 38.1859, 18.2023

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.9148, 37.1280, 31.5009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0580, 38.1859, 18.2023 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, 139, 105)` looks like.

```
.text, #text, p{  
    color:rgb(241, 139, 105)  
}
```

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, 139, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 139, 105) }
```

Border

The CSS property to change the border of an element to XYZ 48.0580, 38.1859, 18.2023 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, 139, 105) }
```


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

```
.border{ border-color:rgb(241, 139, 105) }
```

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

Here you see how a box with a 4 pixel rgb(241, 139, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 139, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 139, 105);  
box-shadow:4px 4px 4px 4px rgb(241, 139,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0580, 38.1859, 18.2023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 139, 105) }
```

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

```
.background{ background-color: rgb(241,  
139, 105) }
```

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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