

Converting Colors

XYZ(48.8504, 39.6879, 18.7215)

Have a look what the booklet for
XYZ(48.8504, 39.6879, 18.7215)
contains.

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Color

**XYZ(48.8504, 39.6879,
18.7215)**

Conversions

Conversions Part 1

Format	Color
Hex	F1906A
RGB	241, 144, 106
RGB Percent	95%, 56%, 42%
CMY	0.0549, 0.4353, 0.5843
CMYK	0.00, 0.40, 0.56, 0.05
HSL	17°, 83%, 68%
HSV	17°, 56%, 95%
XYZ	48.8504, 39.6879, 18.7215
YIQ	168.6710, 70.0100, 8.7460

Conversions

Conversions Part 2

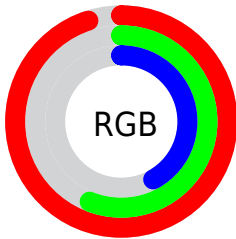
Format	Color
R _Y B	241, 159, 106
Decimal	15831146
CIE Lab	69.25, 33.07, 35.76
CIE LCh	69, 48.708, 47.243
Yxy	39.6879, 0.4554, 0.3700
Android (android.graphics.Color)	4294021226 (0xFFFF1906A)
YUV	168.6710, -30.8968, 63.4325
Hunter-Lab	62.9983, 28.1660, 26.4794

Details

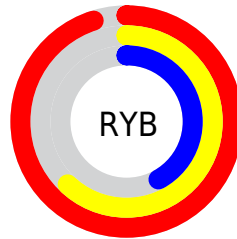
The XYZ color **48.8504, 39.6879, 18.7215** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **43.1757, 52.1242, 91.0041**, and the grayscale version is **37.6741, 39.6360, 43.1636**.

A 20% lighter version of the original color is **67.8350, 64.5755, 41.2368**, and **23.6469, 17.7835, 6.1892** is the 20% darker color. If you saturate the color by 10%, you get **45.3443, 34.4076, 12.2144**, and if you desaturate by 10%, it is **53.1128, 45.9176, 27.2184**.

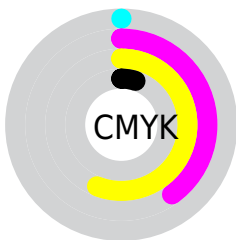
Distribution



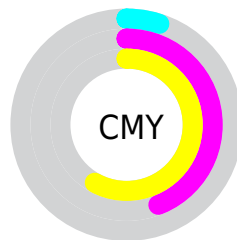
- Red (95%)
- Green (56%)
- Blue (42%)



- Red (95%)
- Yellow (62%)
- Blue (42%)



- Cyan (0%)
- Magenta (40%)
- Yellow (56%)
- Black (5%)





- Cyan (5%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8504, 39.6879, 18.7215 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 48.8504, 39.6879, 18.7215 by changing the saturation by 10% instead.


 48.8504, 39.6879,
18.7215

 48.8504, 39.6879,
18.7215


372.6798,
344.8064, 257.2782


 34.7149, 27.2953,
11.2944


 87.6713, 74.6880,
42.0934


 23.6088, 17.7951,
6.1486


 113.0873, 98.0643,
58.8753

 15.1668, 10.8030,
2.8654


 142.9943,
125.8706, 79.6125

 9.0236, 5.9345,
1.0263

 177.7575,
158.4914, 104.7237

 4.8138, 2.8053,
0.0000

217.7423,
196.3109, 134.6273

 2.1721, 1.0310,
0.0000

263.3140,

 0.7280, 0.0000,

239.7137, 169.7419

0.0000

314.8381,
289.0840, 210.4860

■ 0.0000, 0.0000,
0.0000

■ 48.8504, 39.6879,
18.7215

■ 48.8504, 39.6879,
18.7215

■ 45.3443, 34.4076,
12.2144

■ 53.1128, 45.9176,
27.2184

■ 42.5430, 30.0219,
7.5291

■ 58.1725, 53.1355,
37.8500

■ 40.3924, 26.4794,
4.4730

■ 64.0708, 61.3856,
50.7500

■ 38.8270, 23.7195,
2.8076

■ 70.8453, 70.7072,
66.0404

■ 38.3334, 22.8165,
2.3836

■ 78.5311, 81.1378,
83.8347

■ 87.1613, 92.7127,
104.2389

■ 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.



53.9397, 39.6879, 31.6881



48.8504, 39.6879, 18.7215



41.1325, 39.6879, 13.3955

Triad

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



48.8504, 39.6879, 18.7215



24.9012, 39.6879, 34.4039



42.3460, 39.6879, 98.6021

Complementary

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



48.8504, 39.6879, 18.7215



43.1757, 52.1242, 91.0041

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.



34.5057, 39.6879, 100.1186



48.8504, 39.6879, 18.7215



25.1323, 39.6879, 57.2409

Square

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



48.8504, 39.6879, 18.7215



27.7448, 39.6879, 20.1164



28.4269, 39.6879, 83.0569



49.8437, 39.6879, 79.4344

Rectangle

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



48.8504, 39.6879, 18.7215



35.8622, 39.6879, 13.0695



28.4269, 39.6879, 83.0569



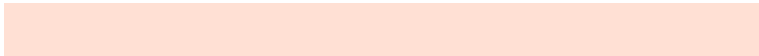
39.6454, 39.6879, 101.3803

Sweetspot

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



48.8514, 39.6899, 18.7222



79.6960, 79.2288, 73.1484



52.4491, 33.4168, 61.4433



16.7131, 16.4853, 14.8715



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.



48.8514, 39.6899, 18.7222



51.1312, 38.4725, 13.1494



61.8004, 65.5880, 23.0386



16.1351, 16.4833, 16.4809



20.8856, 12.5693, 1.3253



1.8187, 1.2081, 0.1373

Inverse Universe

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



43.1757, 52.1242, 91.0041



44.0085, 53.6896, 102.6514



30.8382, 27.4492, 86.8916



15.8494, 17.1329, 20.1932



16.8492, 19.9226, 48.0853



1.4854, 1.8248, 4.0282

Previews

White Background



This preview shows how the XYZ color 48.8504, 39.6879, 18.7215 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 48.8504, 39.6879, 18.7215 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 48.8504, 39.6879, 18.7215

Background



This preview shows how black text looks on a background with the XYZ color 48.8504, 39.6879, 18.7215.



This preview shows how white text looks on a background with the XYZ color 48.8504, 39.6879,

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

48.8504, 39.6879, 18.7215

Protanopia

36.8688, 39.7042, 22.2435

Deuteranopia

40.4954, 39.7791, 18.1142



Tritanopia

51.8215, 39.5800, 33.3422

Trichromacy



Original Color

48.8504, 39.6879, 18.7215

Protanomaly

40.3973, 39.1488, 20.7565

Deuteranomaly

43.0830, 39.3274, 18.1522

Tritanomaly

50.5739, 39.5043, 27.1499

Monochromacy



Original Color

48.8504, 39.6879, 18.7215

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.2648, 38.8190, 32.5648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8504, 39.6879, 18.7215 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, 144, 106)` looks like.

```
.text, #text, p{  
    color:rgb(241, 144, 106)  
}
```

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, 144, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 144, 106) }
```

Border

The CSS property to change the border of an element to XYZ 48.8504, 39.6879, 18.7215 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, 144, 106) }
```


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

```
.border{ border-color:rgb(241, 144, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 144, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 144, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 144, 106);  
box-shadow:4px 4px 4px 4px rgb(241, 144,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8504, 39.6879, 18.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 144, 106) }
```

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

```
.background{ background-color: rgb(241,  
144, 106) }
```

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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