

Converting Colors

XYZ(48.3144, 39.4735, 15.8992)

Have a look what the booklet for
XYZ(48.3144, 39.4735, 15.8992)
contains.

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Color

**XYZ(48.3144, 39.4735,
15.8992)**

Conversions

Conversions Part 1

Format	Color
Hex	F1905F
RGB	241, 144, 95
RGB Percent	95%, 56%, 37%
CMY	0.0549, 0.4353, 0.6274
CMYK	0.00, 0.40, 0.61, 0.05
HSL	20°, 84%, 66%
HSV	20°, 61%, 95%
XYZ	48.3144, 39.4735, 15.8992
YIQ	167.4170, 73.5410, 5.3250

Conversions

Conversions Part 2

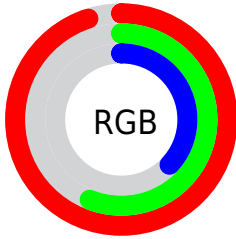
Format	Color
R_{YB}	241, 169, 95
Decimal	15831135
CIE _{Lab}	69.09, 32.26, 41.39
CIE _{LCh}	69, 52.480, 52.069
Yxy	39.4735, 0.4660, 0.3807
Android (android.graphics.Color)	4294021215 (0xFFFF1905F)
YUV	167.4170, -35.7016, 64.5323
Hunter-Lab	62.8279, 27.3168, 28.9757

Details

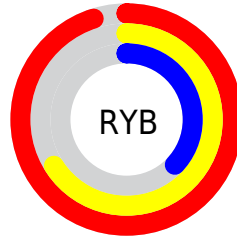
The XYZ color **48.3144, 39.4735, 15.8992** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **39.4449, 46.4805, 90.1112**, and the grayscale version is **37.0788, 39.0098, 42.4817**.

A 20% lighter version of the original color is **66.9299, 64.2134, 36.4706**, and **23.1626, 17.5628, 4.8585** is the 20% darker color. If you saturate the color by 10%, you get **45.1283, 34.5917, 10.2431**, and if you desaturate by 10%, it is **52.1851, 45.1827, 23.4555**.

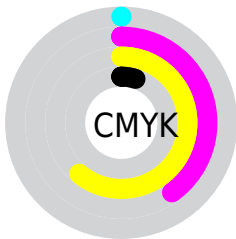
Distribution



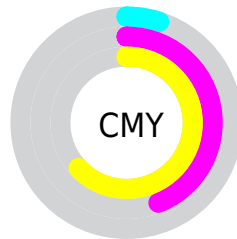
- Red (95%)
- Green (56%)
- Blue (37%)



- Red (95%)
- Yellow (66%)
- Blue (37%)



- Cyan (0%)
- Magenta (40%)
- Yellow (61%)
- Black (5%)



- Cyan (5%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3144, 39.4735, 15.8992 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 48.3144, 39.4735, 15.8992 by changing the saturation by 10% instead.

48.3144, 39.4735,
15.8992

48.3144, 39.4735,
15.8992

370.5989,
343.8994, 240.5715

34.2882, 27.1283,
9.2993

86.8792, 74.3611,
37.1875

23.2790, 17.6696,
4.8374

112.1485, 97.6723,
52.7129

14.9215, 10.7130,
2.0951

141.8963,
125.4076, 72.0506

8.8503, 5.8742,
0.6129

176.4878,
157.9514, 95.6190

4.7000, 2.7687,
0.0000

216.2885,
195.6880, 123.8368

2.1053, 1.0122,
0.0000

261.6636,

0.6921, 0.0000,

239.0020, 157.1225

0.0000

312.9786,
288.2777, 195.8945

■ 0.0000, 0.0000,
0.0000

■ 48.3144, 39.4735,
15.8992

■ 48.3144, 39.4735,
15.8992

■ 45.1283, 34.5917,
10.2431

■ 52.1851, 45.1827,
23.4555

■ 42.5771, 30.4895,
6.3094

■ 56.7795, 51.7516,
33.0632

■ 40.6077, 27.1225,
3.8900

■ 62.1365, 59.2181,
44.8608

■ 39.2099, 24.5697,
2.6758

■ 68.2915, 67.6158,
58.9740

■ 75.2774, 76.9763,
75.5186

■ 83.1252, 87.3300,
94.6031

■ 90.0854, 97.4406,
108.6677

Harmonies

Analogous

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



54.5097, 39.4735, 27.8750



48.3144, 39.4735, 15.8992



39.7846, 39.4735, 11.5713

Triad

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



48.3144, 39.4735, 15.8992



23.7213, 39.4735, 36.9250



43.9005, 39.4735, 101.4588

Complementary

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



48.3144, 39.4735, 15.8992



39.4449, 46.4805, 90.1112

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.



35.3399, 39.4735, 106.7577



48.3144, 39.4735, 15.8992



24.4851, 39.4735, 62.7431

Square

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



48.3144, 39.4735, 15.8992



26.1953, 39.4735, 20.4051



28.4638, 39.4735, 90.5894



51.7087, 39.4735, 78.0233

Rectangle

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



48.3144, 39.4735, 15.8992



34.2507, 39.4735, 11.8141



28.4638, 39.4735, 90.5894



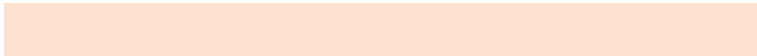
40.9876, 39.4735, 105.7004

Sweetspot

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



48.3153, 39.4755, 15.8999



79.5531, 79.4525, 71.5295



49.9192, 30.7059, 53.3589



16.5550, 16.3685, 14.2044



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.



48.3153, 39.4755, 15.8999



50.4706, 38.0099, 10.2824



63.0680, 68.9808, 20.8175



16.2063, 16.6258, 16.5047



21.3739, 13.5458, 1.4881



1.8665, 1.3037, 0.1533

Inverse Universe

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



39.4449, 46.4805, 90.1112



39.4570, 46.4066, 101.4855



27.2333, 22.0573, 86.0406



15.7745, 16.9831, 20.1683



15.5661, 17.3564, 47.6576



1.3862, 1.6265, 3.9951

Previews

White Background



This preview shows how the XYZ color 48.3144, 39.4735, 15.8992 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 48.3144, 39.4735, 15.8992 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 48.3144, 39.4735, 15.8992

Background



This preview shows how black text looks on a background with the XYZ color 48.3144, 39.4735, 15.8992.



This preview shows how white text looks on a background with the XYZ color 48.3144, 39.4735,

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

48.3144, 39.4735, 15.8992

Protanopia

36.6942, 39.6897, 18.8236

Deuteranopia

40.3653, 39.5105, 15.3963



Tritanopia

51.8683, 39.4104, 32.4770

Trichromacy



Original Color

48.3144, 39.4735, 15.8992

Protanomaly

40.0966, 39.0603, 17.7380

Deuteranomaly

42.8665, 39.2755, 15.4468

Tritanomaly

50.5826, 39.5478, 25.3896

Monochromacy



Original Color

48.3144, 39.4735, 15.8992

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.4540, 38.1887, 30.4910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3144, 39.4735, 15.8992 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(241, 144, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 144, 95) }
```

Border

The CSS property to change the border of an element to XYZ 48.3144, 39.4735, 15.8992 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, 95) }
```


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

```
.border{ border-color:rgb(241, 144, 95) }
```

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, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 144, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 144, 95);  
box-shadow:4px 4px 4px 4px rgb(241, 144,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3144, 39.4735, 15.8992 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, 95) }
```

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

```
.background{ background-color: rgb(241,  
144, 95) }
```

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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