

Converting Colors

XYZ(47.5522, 39.0126, 18.9338)

Have a look what the booklet for
XYZ(47.5522, 39.0126, 18.9338)
contains.

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Color

**XYZ(47.5522, 39.0126,
18.9338)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | ED906B |
| RGB | 237, 144, 107 |
| RGB Percent | 93%, 56%, 42% |
| CMY | 0.0706, 0.4353, 0.5804 |
| CMYK | 0.00, 0.39, 0.55, 0.07 |
| HSL | 17°, 78%, 67% |
| HSV | 17°, 55%, 93% |
| XYZ | 47.5522, 39.0126, 18.9338 |
| YIQ | 167.5890, 67.3050, 8.2090 |

Conversions

Conversions Part 2

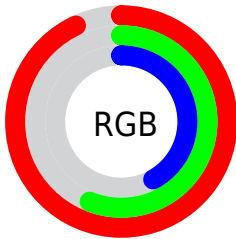
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 237, 159, 107 |
| Decimal | 15569003 |
| CIE Lab | 68.76, 31.58, 34.51 |
| CIE LCh | 69, 46.778, 47.532 |
| Yxy | 39.0126, 0.4507, 0.3698 |
| Android (android.graphics.Color) | 4293759083 (0xFFED906B) |
| YUV | 167.5890, -29.8704, 60.8734 |
| Hunter-Lab | 62.4601, 26.5908, 25.7492 |

Details

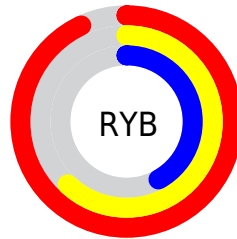
The XYZ color **47.5522, 39.0126, 18.9338** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **42.0026, 50.5462, 87.6632**, and the grayscale version is **37.1376, 39.0716, 42.5490**.

A 20% lighter version of the original color is **67.9214, 64.6101, 41.6920**, and **22.7480, 17.3172, 6.2813** is the 20% darker color. If you saturate the color by 10%, you get **44.0942, 33.8262, 12.4498**, and if you desaturate by 10%, it is **51.7394, 45.1109, 27.3471**.

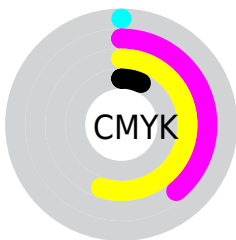
Distribution



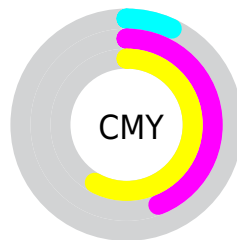
- Red (93%)
- Green (56%)
- Blue (42%)



- Red (93%)
- Yellow (62%)
- Blue (42%)



- Cyan (0%)
- Magenta (39%)
- Yellow (55%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5522, 39.0126, 18.9338 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 47.5522, 39.0126, 18.9338 by changing the saturation by 10% instead.


 47.5522, 39.0126,
18.9338


 47.5522, 39.0126,
18.9338


367.6266,
341.9441, 258.4936


 33.6822, 26.7695,
11.4461


 85.7510, 73.6576,
42.4574


 22.8113, 17.4002,
6.2498


 110.8106, 96.8283,
59.3304

 14.5741, 10.5202,
2.9263


 140.3306,
124.4103, 80.1690

 8.6054, 5.7452,
1.0571

 174.6766,
156.7880, 105.3916

 4.5398, 2.6908,
0.0000

214.2138,
194.3459, 135.4168

 2.0118, 0.9725,
0.0000

259.3077,

 0.6406, 0.0000,

237.4682, 170.6632

0.0000

310.3235,
286.5395, 211.5493

■ 0.0000, 0.0000,
0.0000

■ 47.5522, 39.0126,
18.9338

■ 47.5522, 39.0126,
18.9338

■ 44.0942, 33.8262,
12.4498

■ 51.7394, 45.1109,
27.3471

■ 41.3168, 29.4999,
7.7363

■ 56.6944, 52.1574,
37.8266

■ 39.1691, 25.9856,
4.6125

■ 62.4564, 60.1937,
50.4995

■ 37.5903, 23.2270,
2.8563

■ 69.0608, 69.2568,
65.4818

■ 36.9598, 22.0742,
2.3128

■ 76.5410, 79.3820,
82.8813

■ 84.9283, 90.6027,
102.7990

■ 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



52.3875, 39.0126, 31.3368



47.5522, 39.0126, 18.9338



40.2410, 39.0126, 13.8004

Triad

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



47.5522, 39.0126, 18.9338



24.8393, 39.0126, 34.2662



41.5386, 39.0126, 94.4546

Complementary

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



47.5522, 39.0126, 18.9338



42.0026, 50.5462, 87.6632

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.



34.0896, 39.0126, 96.0529



47.5522, 39.0126, 18.9338



25.0895, 39.0126, 55.9891

Square

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



47.5522, 39.0126, 18.9338



27.5348, 39.0126, 20.4603



28.2711, 39.0126, 80.2322



48.6104, 39.0126, 76.4003

Rectangle

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



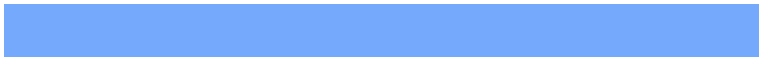
47.5522, 39.0126, 18.9338



35.2444, 39.0126, 13.5142



28.2711, 39.0126, 80.2322



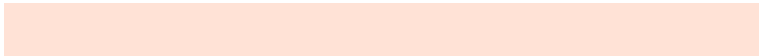
38.9789, 39.0126, 97.1075

Sweetspot

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



47.5531, 39.0146, 18.9345



80.5490, 80.4169, 75.0290



50.6276, 32.6981, 58.3889



16.8835, 16.7241, 15.2427



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.



47.5531, 39.0146, 18.9345



51.5575, 39.1621, 13.7944



60.3385, 64.5853, 23.1963



15.4146, 15.7523, 15.7468



20.2752, 12.2447, 1.2948



1.6716, 1.1204, 0.1282

Inverse Universe

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



42.0026, 50.5462, 87.6632



44.2876, 53.9019, 102.6777



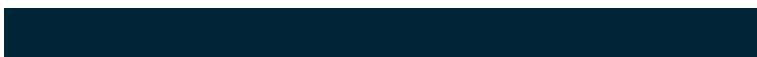
30.0370, 26.6151, 83.6747



15.1343, 16.3551, 19.2814



16.2635, 19.1741, 46.5868



1.3583, 1.6680, 3.6852

Previews

White Background



This preview shows how the XYZ color 47.5522, 39.0126, 18.9338 looks on a white background.

Color Contrast Check

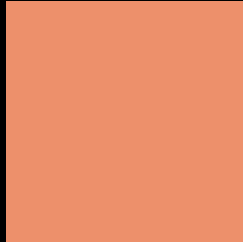
Large Text (above 18pt) WCAG AA × Fail

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 47.5522, 39.0126, 18.9338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

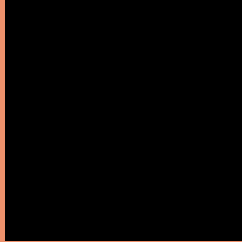
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5522, 39.0126, 18.9338

Background



This preview shows how black text looks on a background with the XYZ color 47.5522, 39.0126, 18.9338.



This preview shows how white text looks on a background with the XYZ color 47.5522, 39.0126,

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

47.5522, 39.0126, 18.9338

Protanopia

36.5049, 39.2347, 22.4787

Deuteranopia

39.8722, 39.1857, 18.5588



Tritanopia

50.4485, 38.8721, 33.2779

Trichromacy



Original Color

47.5522, 39.0126, 18.9338

Protanomaly

39.7359, 38.5451, 20.9684

Deuteranomaly

42.2955, 38.9097, 18.6457

Tritanomaly

49.2778, 38.8281, 27.4516

Monochromacy



Original Color

47.5522, 39.0126, 18.9338

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.5788, 38.2091, 32.4832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5522, 39.0126, 18.9338 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(237, 144, 107)` looks like.

```
.text, #text, p{  
    color:rgb(237, 144, 107)  
}
```

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(237, 144, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 144, 107) }
```

Border

The CSS property to change the border of an element to XYZ 47.5522, 39.0126, 18.9338 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(237, 144, 107) }
```


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

```
.border{ border-color:rgb(237, 144, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 144, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 144, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 144, 107);  
box-shadow:4px 4px 4px 4px rgb(237, 144,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5522, 39.0126, 18.9338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 144, 107) }
```

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

```
.background{ background-color: rgb(237,  
144, 107) }
```

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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