

Converting Colors

XYZ(39.3291, 27.8754, 10.0366)

Have a look what the booklet for
XYZ(39.3291, 27.8754, 10.0366)
contains.

XYZ(39.4827, 28.0123, 9.9826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.4827, 28.0123,
9.9826)**

Conversions

Conversions Part 1

Format	Color
Hex	E76B4B
RGB	231, 107, 75
RGB Percent	91%, 42%, 29%
CMY	0.0941, 0.5804, 0.7059
CMYK	0.00, 0.54, 0.68, 0.09
HSL	12°, 76%, 60%
HSV	12°, 68%, 91%
XYZ	39.4827, 28.0123, 9.9826
YIQ	140.4280, 84.1760, 16.3360

Conversions

Conversions Part 2

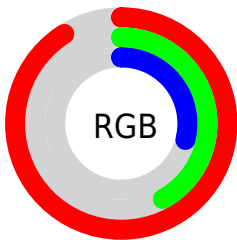
Format	Color
R _Y B	231, 115, 75
Decimal	15166283
CIE Lab	59.90, 45.92, 40.68
CIE LCh	60, 61.345, 41.538
Yxy	28.0123, 0.5096, 0.3616
Android (android.graphics.Color)	4293356363 (0xFFE76B4B)
YUV	140.4280, -32.2560, 79.4316
Hunter-Lab	52.9266, 40.5374, 25.8658

Details

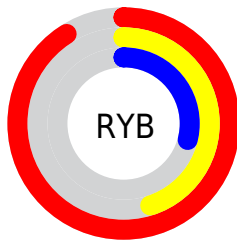
The XYZ color **39.4827, 28.0123, 9.9826** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **37.7473, 48.1091, 82.8974**, and the grayscale version is **25.1936, 26.5056, 28.8647**.

A 20% lighter version of the original color is **57.6865, 48.2304, 25.6710**, and **17.9031, 11.1621, 2.3733** is the 20% darker color. If you saturate the color by 10%, you get **37.1155, 24.3220, 5.9756**, and if you desaturate by 10%, it is **42.5445, 32.6332, 15.6369**.

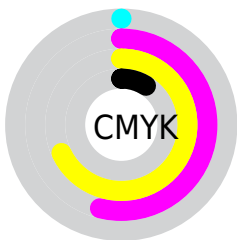
Distribution



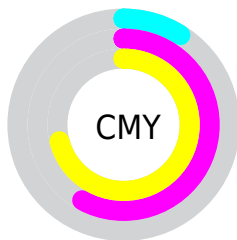
- Red (91%)
- Green (42%)
- Blue (29%)



- Red (91%)
- Yellow (45%)
- Blue (29%)



- Cyan (0%)
- Magenta (54%)
- Yellow (68%)
- Black (9%)





- Cyan (9%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4827, 28.0123, 9.9826 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 39.4827, 28.0123, 9.9826 by changing the saturation by 10% instead.


 39.4827, 28.0123,
9.9826


 39.4827, 28.0123,
9.9826


335.1103,
292.5257, 201.0281


 27.3179, 18.3349,
5.2820


 73.6645, 56.5041,
26.3701


 17.9499, 11.1907,
2.3520


 96.4122, 76.0873,
38.8940


 11.0135, 6.1953,
0.7601


 123.4182, 99.7412,
54.8628

 6.1433, 2.9642,
0.0000

 155.0478,
127.8503, 74.6949

 2.9739, 1.1131,
0.0000

 191.6665,
160.7989, 98.8090

 1.1400, 0.0000,
0.0000

233.6396,

 0.0582, 0.0000,

198.9714, 127.6235

0.0000

281.3324,
242.7522, 161.5571

■ 0.0000, 0.0000,
0.0000

■ 39.4827, 28.0123,
9.9826

■ 39.4827, 28.0123,
9.9826

■ 37.1155, 24.3220,
5.9756

■ 42.5445, 32.6332,
15.6369

■ 35.3823, 21.4928,
3.4333

■ 46.3506, 38.2387,
23.0918


■ 34.2107, 19.4507,
2.1150


■ 50.9480, 44.8838,
32.4846

■ 33.9872, 19.0535,
1.8864

■ 56.3792, 52.6181,
43.9388

■ 62.6837, 61.4880,
57.5675

 69.8984, 71.5373,
73.4756

 78.0579, 82.8071,
91.7612

 86.4123, 95.0237,
108.3947

 86.7648, 95.7288,
108.5123

Harmonies

Analogous

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



44.1607, 28.0123, 22.7004



39.4827, 28.0123, 9.9826



31.6550, 28.0123, 5.2241

Triad

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



39.4827, 28.0123, 9.9826



14.7953, 28.0123, 18.8339



29.7343, 28.0123, 94.7863

Complementary

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



39.4827, 28.0123, 9.9826



37.7473, 48.1091, 82.8974

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.



22.1580, 28.0123, 91.9596



39.4827, 28.0123, 9.9826



14.4811, 28.0123, 39.9098

Square

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



39.4827, 28.0123, 9.9826



17.8769, 28.0123, 8.3420



16.9140, 28.0123, 68.7023



37.8427, 28.0123, 75.1909

Rectangle

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



39.4827, 28.0123, 9.9826



26.2249, 28.0123, 4.5767



16.9140, 28.0123, 68.7023



27.0289, 28.0123, 96.6108

Sweetspot

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



39.4833, 28.0138, 9.9831



76.3032, 73.9478, 67.3785



45.8729, 26.1820, 57.1568



15.8481, 15.1477, 13.3733



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.



39.4833, 28.0138, 9.9831



45.5092, 28.9299, 6.0307



51.4069, 51.8610, 13.9576



14.6153, 14.8445, 14.9994



19.1249, 10.8240, 1.0812



1.4788, 0.9310, 0.1018

Inverse Universe

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



37.7473, 48.1091, 82.8974



42.9895, 55.2579, 103.0078



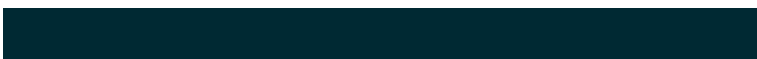
24.2606, 21.1356, 78.4018



14.5432, 15.8078, 18.4290



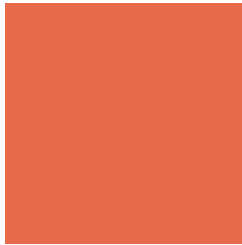
17.7409, 22.5439, 45.7995



1.3745, 1.7930, 3.4056

Previews

White Background



This preview shows how the XYZ color 39.4827, 28.0123, 9.9826 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4827, 28.0123, 9.9826 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 × Fail

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

XYZ 39.4827, 28.0123, 9.9826

Background



This preview shows how black text looks on a background with the XYZ color 39.4827, 28.0123, 9.9826.



This preview shows how white text looks on a background with the XYZ color 39.4827, 28.0123,

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

39.4827, 28.0123, 9.9826

Protanopia

25.9874, 28.2245, 13.3107

Deuteranopia

28.7531, 28.1903, 9.5561



Tritanopia

41.2148, 28.1283, 17.7250

Trichromacy



Original Color

39.4827, 28.0123, 9.9826

Protanomaly

29.6852, 27.1714, 11.8636

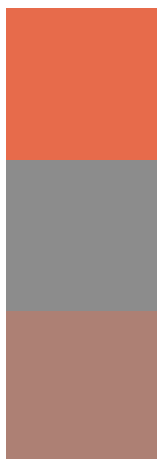
Deuteranomaly

32.0154, 27.6394, 9.6088

Tritanomaly

40.3867, 27.9195, 14.5697

Monochromacy



Original Color

39.4827, 28.0123, 9.9826

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.1051, 25.5835, 19.9798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4827, 28.0123, 9.9826 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(231, 107, 75)` looks like.

```
.text, #text, p{  
    color:rgb(231, 107, 75)  
}
```

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(231, 107, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 107, 75) }
```

Border

The CSS property to change the border of an element to XYZ 39.4827, 28.0123, 9.9826 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(231, 107, 75) }
```


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

```
.border{ border-color:rgb(231, 107, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 107, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 107, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 107, 75);  
box-shadow:4px 4px 4px 4px rgb(231, 107,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4827, 28.0123, 9.9826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 107, 75) }
```

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

```
.background{ background-color: rgb(231,  
107, 75) }
```

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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