

Converting Colors

XYZ(39.5442, 27.0084, 3.3579)

Have a look what the booklet for
XYZ(39.5442, 27.0084, 3.3579)
contains.

| | |
|--|----|
| XYZ(39.4307, 26.9457, 3.3525) | 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(39.4307, 26.9457,
3.3525)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | ED6308 |
| RGB | 237, 99, 8 |
| RGB Percent | 93%, 39%, 3% |
| CMY | 0.0706, 0.6117, 0.9686 |
| CMYK | 0.00, 0.58, 0.97, 0.07 |
| HSL | 24°, 93%, 48% |
| HSV | 24°, 97%, 93% |
| XYZ | 39.4307, 26.9457, 3.3525 |
| YIQ | 129.8880, 111.4590, 0.9550 |

Conversions

Conversions Part 2

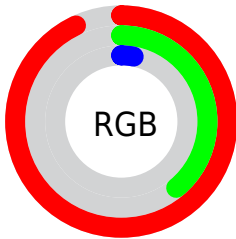
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 237, 159, 8 |
| Decimal | 15557384 |
| CIE Lab | 58.92, 49.96, 66.49 |
| CIE LCh | 59, 83.171, 53.081 |
| Yxy | 26.9457, 0.5655, 0.3864 |
| Android (android.graphics.Color) | 4293747464 (0xFFED6308) |
| YUV | 129.8880, -60.0908, 93.9372 |
| Hunter-Lab | 51.9092, 44.7489, 32.5073 |

Details

The XYZ color **39.4307, 26.9457, 3.3525** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **25.6643, 26.7223, 83.9254**, and the grayscale version is **21.3579, 22.4701, 24.4700**.

A 20% lighter version of the original color is **53.7367, 44.4847, 11.5485**, and **18.1343, 10.6856, 1.1067** is the 20% darker color. If you saturate the color by 10%, you get **38.9440, 26.0428, 2.9742**, and if you desaturate by 10%, it is **41.1190, 29.9821, 4.9655**.

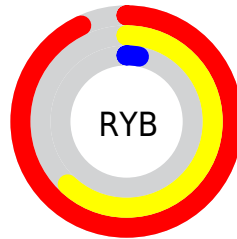
Distribution



Red (93%)

Green (39%)

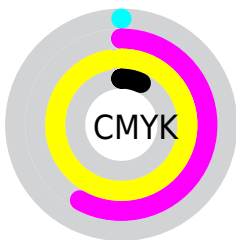
Blue (3%)



Red (93%)

Yellow (62%)

Blue (3%)

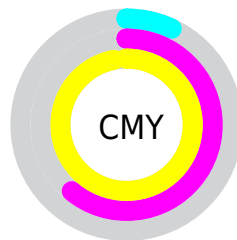


Cyan (0%)

Magenta (58%)

Yellow (97%)

Black (7%)



Cyan (7%)


Magenta (61%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4307, 26.9457, 3.3525 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 39.4307, 26.9457, 3.3525 by changing the saturation by 10% instead.


 39.4307, 26.9457,
3.3525


 39.4307, 26.9457,
3.3525


334.8939,
287.3941, 140.7309


 27.2772, 17.5324,
1.2773


 73.5857, 54.7967,
12.4865

 17.9192, 10.6148,
0.0431


 96.3179, 74.0033,
20.3825


 10.9913, 5.8085,
0.0000


 123.3070, 97.2431,
31.0557

 6.1282, 2.7290,
0.0000

 154.9184,
124.9005, 44.9248

 2.9646, 0.9919,
0.0000

 191.5174,
157.3599, 62.4084


 1.1351, 0.0000,
0.0000

 233.4694,


 0.0542, 0.0000,


195.0057, 83.9249


0.0000


 281.1398,
238.2223, 109.8929


 0.0000, 0.0000,
0.0000


 39.4307, 26.9457,
3.3525


 39.4307, 26.9457,
3.3525


 38.9440, 26.0428,
2.9742

 41.1190, 29.9821,
4.9655

 43.2875, 33.6109,
7.8715

 45.9910, 37.8726,
12.3032

 49.2741, 42.8017,
18.4450

 53.1761, 48.4293,
26.4548

■ 57.7319, 54.7843,
36.4720

■ 62.9739, 61.8936,
48.6229

■ 68.9318, 69.7827,
63.0231

■ 75.6338, 78.4758,
79.7800

Harmonies

Analogous

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



48.4679, 26.9457, 12.2588



39.4307, 26.9457, 3.3525



28.0696, 26.9457, 1.3785

Triad

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



39.4307, 26.9457, 3.3525



10.5618, 26.9457, 23.0282



34.1779, 26.9457, 118.4480

Complementary

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



39.4307, 26.9457, 3.3525



25.6643, 26.7223, 83.9254

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.



23.3005, 26.9457, 129.2136



39.4307, 26.9457, 3.3525



11.3798, 26.9457, 57.6347

Square

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



39.4307, 26.9457, 3.3525



12.8250, 26.9457, 6.7665



15.4690, 26.9457, 101.9683



44.9116, 26.9457, 78.2424

Rectangle

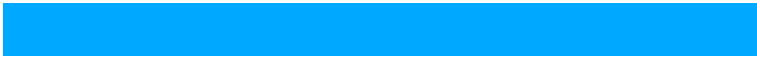
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.4307, 26.9457, 3.3525



21.3886, 26.9457, 1.5209



15.4690, 26.9457, 101.9683



30.3556, 26.9457, 126.3924

Sweetspot

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



39.4313, 26.9472, 3.3529



72.7406, 70.9081, 53.5958



40.4539, 20.3550, 30.3218



14.9994, 14.4048, 10.1482



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.



39.4313, 26.9472, 3.3529



45.9266, 30.6333, 3.4922



58.0852, 64.2550, 9.5709



15.5567, 16.0363, 15.7941



21.3820, 14.4581, 1.6637



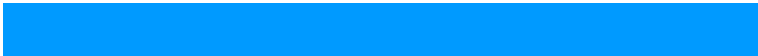
1.7706, 1.3186, 0.1612

Inverse Universe

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



25.6643, 26.7223, 83.9254



29.5498, 30.2195, 98.8833



15.9790, 7.3517, 80.6970



14.9863, 16.0590, 19.2321



13.8249, 14.2968, 45.7739



1.1791, 1.3097, 3.6255

Previews

White Background



This preview shows how the XYZ color 39.4307, 26.9457, 3.3525 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 39.4307, 26.9457, 3.3525 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 39.4307, 26.9457, 3.3525

Background



This preview shows how black text looks on a background with the XYZ color 39.4307, 26.9457, 3.3525.



This preview shows how white text looks on a background with the XYZ color 39.4307, 26.9457,

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

39.4307, 26.9457, 3.3525

Protanopia

24.4845, 27.1845, 4.8208

Deuteranopia

27.4864, 27.0312, 3.7689



Tritanopia

41.6284, 26.8869, 14.5509

Trichromacy



Original Color

39.4307, 26.9457, 3.3525

Protanomaly

28.4376, 25.9138, 4.0753

Deuteranomaly

31.0634, 26.3431, 3.5337

Tritanomaly

40.3062, 26.7432, 8.0386

Monochromacy



Original Color

39.4307, 26.9457, 3.3525

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.6387, 22.3006, 11.8099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4307, 26.9457, 3.3525 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, 99, 8)` looks like.

```
.text, #text, p{  
    color:rgb(237, 99, 8)  
}
```

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, 99, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 99, 8) }
```

Border

The CSS property to change the border of an element to XYZ 39.4307, 26.9457, 3.3525 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, 99, 8) }
```


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

```
.border{ border-color:rgb(237, 99, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 99, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 99, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 99, 8);  
box-shadow:4px 4px 4px 4px rgb(237, 99, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 39.4307, 26.9457, 3.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 99, 8) }
```

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

```
.background{ background-color: rgb(237, 99,  
8) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor