

Converting Colors

XYZ(39.7653, 26.3675, 4.2380)

Have a look what the booklet for
XYZ(39.7653, 26.3675, 4.2380)
contains.

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Color

**XYZ(39.8337, 26.4499,
4.2342)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | EF5E1E |
| RGB | 239, 94, 30 |
| RGB Percent | 94%, 37%, 12% |
| CMY | 0.0627, 0.6313, 0.8823 |
| CMYK | 0.00, 0.61, 0.87, 0.06 |
| HSL | 18°, 87%, 53% |
| HSV | 18°, 87%, 94% |
| XYZ | 39.8337, 26.4499, 4.2342 |
| YIQ | 130.0590, 106.9640, 10.8360 |

Conversions

Conversions Part 2

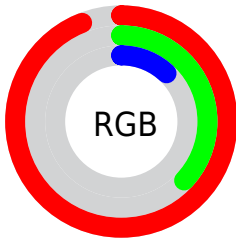
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 239, 122, 30 |
| Decimal | 15687198 |
| CIE Lab | 58.46, 53.22, 60.62 |
| CIE LCh | 58, 80.669, 48.721 |
| Yxy | 26.4499, 0.5649, 0.3751 |
| Android (android.graphics.Color) | 4293877278 (0xFFEF5E1E) |
| YUV | 130.0590, -49.3291, 95.5413 |
| Hunter-Lab | 51.4295, 48.2522, 31.1193 |

Details

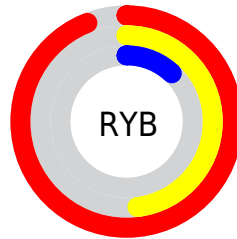
The XYZ color **39.8337, 26.4499, 4.2342** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **31.4440, 37.1652, 87.1771**, and the grayscale version is **21.3828, 22.4964, 24.4986**.

A 20% lighter version of the original color is **53.5104, 43.3641, 13.5324**, and **18.3408, 10.4371, 1.0479** is the 20% darker color. If you saturate the color by 10%, you get **38.3138, 23.7320, 2.7366**, and if you desaturate by 10%, it is **41.8997, 29.8956, 7.0401**.

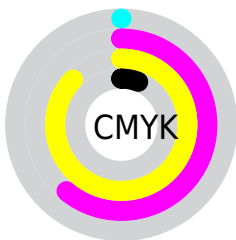
Distribution



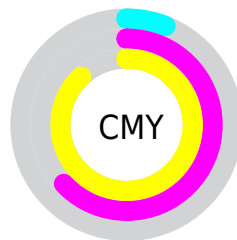
- Red (94%)
- Green (37%)
- Blue (12%)



- Red (94%)
- Yellow (48%)
- Blue (12%)



- Cyan (0%)
- Magenta (61%)
- Yellow (87%)
- Black (6%)





- Cyan (6%)
- Magenta (63%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8337, 26.4499, 4.2342 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 39.8337, 26.4499, 4.2342 by changing the saturation by 10% instead.


 39.8337, 26.4499,
4.2342


 39.8337, 26.4499,
4.2342


336.5686,
284.9837, 150.7940


 27.5925, 17.1605,
1.7547


 74.1962, 53.9999,
14.5464

 18.1576, 10.3490,
0.3978


 97.0482, 73.0292,
23.2161


 11.1636, 5.6310,
0.0000


 124.1679, 96.0740,
34.7864

 6.2451, 2.6220,
0.0000

 155.9205,
123.5187, 49.6757

 3.0367, 0.9377,
0.0000

 192.6716,
155.7476, 68.3025


 1.1732, 0.0000,
0.0000

 234.7864,


 0.0851, 0.0000,


193.1451, 91.0855


0.0000


 282.6303,
236.0957, 118.4431


 0.0000, 0.0000,
0.0000

 39.8337, 26.4499,
4.2342


 39.8337, 26.4499,
4.2342


 38.3138, 23.7320,
2.7366


 41.8997, 29.8956,
7.0401

 37.9917, 23.1414,
2.4643

 44.5758, 34.1206,
11.4072

 47.9154, 39.1751,
17.5293

 51.9649, 45.1033,
25.5714

 56.7661, 51.9459,
35.6792

■ 62.3571, 59.7411,
47.9843

■ 68.7735, 68.5246,
62.6070

■ 76.0487, 78.3302,
79.6591

■ 84.2138, 89.1902,
99.2449

Harmonies

Analogous

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



47.7054, 26.4499, 14.6528



39.8337, 26.4499, 4.2342



29.0325, 26.4499, 1.6280

Triad

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



39.8337, 26.4499, 4.2342



10.7557, 26.4499, 19.4330



31.7280, 26.4499, 116.8827

Complementary

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



39.8337, 26.4499, 4.2342



31.4440, 37.1652, 87.1771

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.



21.6116, 26.4499, 121.5849



39.8337, 26.4499, 4.2342



11.1213, 26.4499, 49.9743

Square

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



39.8337, 26.4499, 4.2342



13.4157, 26.4499, 5.7794



14.5932, 26.4499, 91.8950



42.2455, 26.4499, 81.5128

Rectangle

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



39.8337, 26.4499, 4.2342



22.3738, 26.4499, 1.5668



14.5932, 26.4499, 91.8950



28.1250, 26.4499, 122.6873

Sweetspot

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



39.8343, 26.4514, 4.2346



73.1944, 70.5244, 57.7284



43.9269, 22.4258, 43.2437



15.1523, 14.3843, 11.2049



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.



39.8343, 26.4514, 4.2346



43.9712, 26.7223, 2.8404



55.8424, 58.4677, 9.5707



16.1676, 16.5483, 16.4917



21.0968, 12.9916, 1.3957



1.8397, 1.2502, 0.1443

Inverse Universe

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



31.4440, 37.1652, 87.1771



33.7533, 38.6266, 100.2844



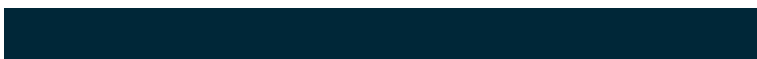
18.4200, 11.1172, 82.8358



15.8151, 17.0643, 20.1818



16.2473, 18.7188, 47.8846



1.4391, 1.7322, 4.0127

Previews

White Background



This preview shows how the XYZ color 39.8337, 26.4499, 4.2342 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 39.8337, 26.4499, 4.2342 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 39.8337, 26.4499, 4.2342

Background



This preview shows how black text looks on a background with the XYZ color 39.8337, 26.4499, 4.2342.



This preview shows how white text looks on a background with the XYZ color 39.8337, 26.4499,

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

39.8337, 26.4499, 4.2342

Protanopia

24.0433, 26.4860, 6.0356

Deuteranopia

26.8852, 26.5152, 3.7009



Tritanopia

41.7411, 26.4705, 13.2652

Trichromacy



Original Color

39.8337, 26.4499, 4.2342

Protanomaly

28.0510, 25.1200, 5.2039

Deuteranomaly

30.4766, 25.4972, 3.6318

Tritanomaly

40.6968, 26.2798, 8.7219

Monochromacy



Original Color

39.8337, 26.4499, 4.2342

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.9592, 22.0768, 13.5354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8337, 26.4499, 4.2342 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(239, 94, 30)` looks like.

```
.text, #text, p{  
    color:rgb(239, 94, 30)  
}
```

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(239, 94, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 94, 30) }
```

Border

The CSS property to change the border of an element to XYZ 39.8337, 26.4499, 4.2342 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(239, 94, 30) }
```


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

```
.border{ border-color:rgb(239, 94, 30) }
```

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

Here you see how a box with a 4 pixel rgb(239, 94, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 94, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 94, 30);  
box-shadow:4px 4px 4px 4px rgb(239, 94,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8337, 26.4499, 4.2342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 94, 30) }
```

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

```
.background{ background-color: rgb(239, 94,  
30) }
```

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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