

Converting Colors

XYZ(40.4309, 27.2393, 5.6807)

Have a look what the booklet for
XYZ(40.4309, 27.2393, 5.6807)
contains.

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Color

**XYZ(40.4574, 27.2833,
5.7186)**

Conversions

Conversions Part 1

Format	Color
Hex	EF622E
RGB	239, 98, 46
RGB Percent	94%, 38%, 18%
CMY	0.0627, 0.6157, 0.8196
CMYK	0.00, 0.59, 0.81, 0.06
HSL	16°, 86%, 56%
HSV	16°, 81%, 94%
XYZ	40.4574, 27.2833, 5.7186
YIQ	134.2310, 100.7280, 13.7200

Conversions

Conversions Part 2

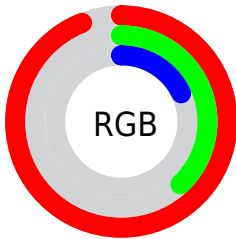
Format	Color
R _Y B	239, 117, 46
Decimal	15688238
CIE Lab	59.24, 51.83, 54.82
CIE LCh	59, 75.438, 46.607
Yxy	27.2833, 0.5507, 0.3714
Android (android.graphics.Color)	4293878318 (0xFFEF622E)
YUV	134.2310, -43.4979, 91.8824
Hunter-Lab	52.2334, 46.8487, 30.0722

Details

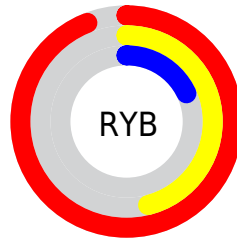
The XYZ color **40.4574, 27.2833, 5.7186** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **34.4753, 42.3500, 88.0181**, and the grayscale version is **22.8752, 24.0665, 26.2084**.

A 20% lighter version of the original color is **54.7426, 44.8870, 16.8451**, and **18.5072, 10.7699, 1.1034** is the 20% darker color. If you saturate the color by 10%, you get **38.6512, 24.2270, 3.4033**, and if you desaturate by 10%, it is **42.8830, 31.1601, 9.5324**.

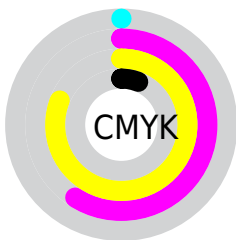
Distribution



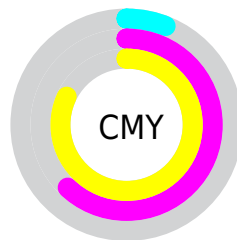
- Red (94%)
- Green (38%)
- Blue (18%)



- Red (94%)
- Yellow (46%)
- Blue (18%)



- Cyan (0%)
- Magenta (59%)
- Yellow (81%)
- Black (6%)




- Cyan (6%)
- Magenta (62%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4574, 27.2833, 5.7186 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 40.4574, 27.2833, 5.7186 by changing the saturation by 10% instead.


 40.4574, 27.2833,
5.7186


 40.4574, 27.2833,
5.7186


339.1491,
289.0262, 165.7507


 28.0811, 17.7861,
2.6087


 75.1394, 55.3381,
17.8114

 18.5276, 10.7965,
0.8970


 98.1759, 74.6646,
27.6315


 11.4314, 5.9302,
0.0000


 125.4966, 98.0362,
40.5254

 6.4272, 2.8027,
0.0000

 157.4667,
125.8374, 56.9116

 3.1497, 1.0296,
0.0000

 194.4517,
158.4527, 77.2087

 1.2334, 0.0000,
0.0000

 236.8168,

 0.1325, 0.0000,

196.2663, 101.8352

0.0000

284.9275,
239.6626, 131.2097

■ 0.0000, 0.0000,
0.0000

■ 40.4574, 27.2833,
5.7186

■ 40.4574, 27.2833,
5.7186

■ 38.6512, 24.2270,
3.4033

■ 42.8830, 31.1601,
9.5324


■ 37.4526, 22.0630,
2.2846


■ 45.9855, 35.9105,
15.0507


■ 49.8169, 41.5881,
22.4482


■ 54.4233, 48.2404,
31.8774

■ 59.8468, 55.9118,
43.4747

 66.1260, 64.6437,
57.3649

 73.2973, 74.4750,
73.6631

 81.3948, 85.4428,
92.4768

 89.4063, 97.0906,
108.6359

Harmonies

Analogous

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



47.4275, 27.2833, 17.2194



40.4574, 27.2833, 5.7186



30.3536, 27.2833, 2.4327

Triad

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



40.4574, 27.2833, 5.7186



12.0103, 27.2833, 19.2465



31.4559, 27.2833, 112.1956

Complementary

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



40.4574, 27.2833, 5.7186



34.4753, 42.3500, 88.0181

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.



21.9620, 27.2833, 114.0305



40.4574, 27.2833, 5.7186



12.1683, 27.2833, 47.1188

Square

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



40.4574, 27.2833, 5.7186



14.8791, 27.2833, 6.4318



15.3803, 27.2833, 85.5272



41.4308, 27.2833, 81.4335

Rectangle

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



40.4574, 27.2833, 5.7186



23.9049, 27.2833, 2.2373



15.3803, 27.2833, 85.5272



28.0705, 27.2833, 116.6620

Sweetspot

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



40.4580, 27.2848, 5.7190



74.0738, 71.3834, 60.7955



45.6002, 23.9154, 49.5262



15.2991, 14.5060, 11.7840



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.



40.4580, 27.2848, 5.7190



43.7510, 26.2150, 2.9737



55.3738, 57.1165, 10.6910



16.1193, 16.4517, 16.4756



20.7898, 12.3776, 1.2934



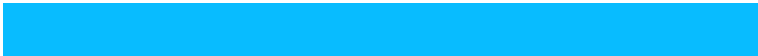
1.8090, 1.1886, 0.1341

Inverse Universe

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



34.4753, 42.3500, 88.0181



36.2031, 43.3840, 101.0736



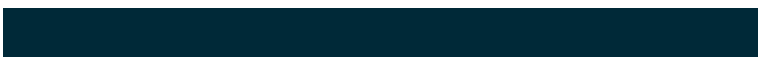
20.4507, 14.3008, 83.3432



15.8661, 17.1664, 20.1988



17.1522, 20.5287, 48.1863



1.5086, 1.8712, 4.0359

Previews

White Background



This preview shows how the XYZ color 40.4574, 27.2833, 5.7186 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 40.4574, 27.2833, 5.7186 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 40.4574, 27.2833, 5.7186

Background



This preview shows how black text looks on a background with the XYZ color 40.4574, 27.2833, 5.7186.



This preview shows how white text looks on a background with the XYZ color 40.4574, 27.2833,

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

40.4574, 27.2833, 5.7186

Protanopia

24.8843, 27.3213, 7.9650

Deuteranopia

27.9011, 27.4214, 5.2612



Tritanopia

42.3074, 27.2369, 14.5827

Trichromacy



Original Color

40.4574, 27.2833, 5.7186

Protanomaly

28.9943, 26.1365, 7.0067

Deuteranomaly

31.3968, 26.4765, 5.2894

Tritanomaly

41.3492, 27.0952, 10.4477

Monochromacy



Original Color

40.4574, 27.2833, 5.7186

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.2489, 23.4047, 15.7045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4574, 27.2833, 5.7186 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, 98, 46)` looks like.

```
.text, #text, p{  
    color:rgb(239, 98, 46)  
}
```

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, 98, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 98, 46) }
```

Border

The CSS property to change the border of an element to XYZ 40.4574, 27.2833, 5.7186 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, 98, 46) }
```


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

```
.border{ border-color:rgb(239, 98, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 98, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 98, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 98, 46);  
box-shadow:4px 4px 4px 4px rgb(239, 98,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4574, 27.2833, 5.7186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 98, 46) }
```

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

```
.background{ background-color: rgb(239, 98,  
46) }
```

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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