

Converting Colors

XYZ(39.1591, 27.3921, 5.0403)

Have a look what the booklet for
XYZ(39.1591, 27.3921, 5.0403)
contains.

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Color

**XYZ(39.1318, 27.3329,
5.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	EA6726
RGB	234, 103, 38
RGB Percent	92%, 40%, 15%
CMY	0.0824, 0.5960, 0.8510
CMYK	0.00, 0.56, 0.84, 0.08
HSL	20°, 82%, 53%
HSV	20°, 84%, 92%
XYZ	39.1318, 27.3329, 5.0470
YIQ	134.7590, 98.9410, 7.5570

Conversions

Conversions Part 2

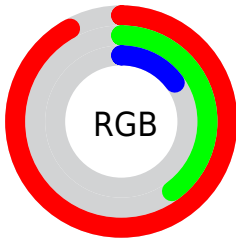
Format	Color
R_YB	234, 135, 38
Decimal	15361830
CIE _{Lab}	59.28, 47.48, 57.95
CIE _{LCh}	59, 74.916, 50.675
Yxy	27.3329, 0.5472, 0.3822
Android (android.graphics.Color)	4293551910 (0xFFEA6726)
YUV	134.7590, -47.7022, 87.0344
Hunter-Lab	52.2809, 42.1142, 30.8730

Details

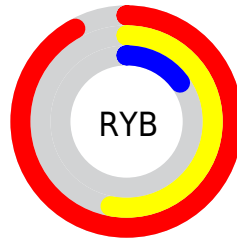
The XYZ color **39.1318, 27.3329, 5.0470** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **29.8372, 34.7258, 82.9715**, and the grayscale version is **23.0863, 24.2886, 26.4503**.

A 20% lighter version of the original color is **55.1001, 46.0952, 15.4444**, and **17.9352, 10.9391, 1.1662** is the 20% darker color. If you saturate the color by 10%, you get **37.4530, 24.4021, 3.1733**, and if you desaturate by 10%, it is **41.3395, 30.9434, 8.2657**.

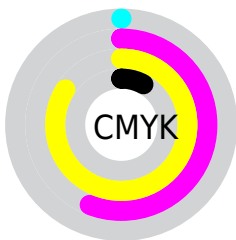
Distribution



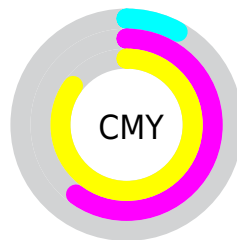
- Red (92%)
- Green (40%)
- Blue (15%)



- Red (92%)
- Yellow (53%)
- Blue (15%)



- Cyan (0%)
- Magenta (56%)
- Yellow (84%)
- Black (8%)





- Cyan (8%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1318, 27.3329, 5.0470 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 39.1318, 27.3329, 5.0470 by changing the saturation by 10% instead.


 39.1318, 27.3329,
5.0470


 39.1318, 27.3329,
5.0470


333.6480,
289.2654, 159.2353

 27.0435, 17.8234,
2.2156


 73.1324, 55.4176,
16.3603

 17.7426, 10.8233,
0.6834


 95.7754, 74.7616,
25.6794


 10.8639, 5.9481,
0.0000


 122.6673, 98.1525,
37.9981

 6.0420, 2.8136,
0.0000

 154.1734,
125.9748, 53.7350

 2.9116, 1.0352,
0.0000

 190.6593,
158.6129, 73.3086

 1.1072, 0.0000,
0.0000

 232.4901,

 0.0311, 0.0000,

196.4510, 97.1375

0.0000

280.0312,
239.8737, 125.6402

■ 0.0000, 0.0000,
0.0000

■ 39.1318, 27.3329,
5.0470

■ 39.1318, 27.3329,
5.0470

■ 37.4530, 24.4021,
3.1733

■ 41.3395, 30.9434,
8.2657


■ 36.6282, 22.8859,
2.4869


■ 44.1280, 35.2744,
13.0359


■ 47.5433, 40.3681,
19.5297

■ 51.6261, 46.2615,
27.8955

■ 56.4131, 52.9892,
38.2657

 61.9380, 60.5834,
50.7604

 68.2324, 69.0747,
65.4904

 75.3258, 78.4920,
82.5586

 83.2461, 88.8629,
102.0615

Harmonies

Analogous

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



46.7122, 27.3329, 15.0226



39.1318, 27.3329, 5.0470



29.0052, 27.3329, 2.3736

Triad

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



39.1318, 27.3329, 5.0470



11.9613, 27.3329, 22.1672



32.8639, 27.3329, 108.6971

Complementary

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



39.1318, 27.3329, 5.0470



29.8372, 34.7258, 82.9715

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.



23.1711, 27.3329, 115.0734



39.1318, 27.3329, 5.0470



12.5188, 27.3329, 51.9144

Square

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



39.1318, 27.3329, 5.0470



14.3978, 27.3329, 7.5924



16.1631, 27.3329, 90.0716



42.5321, 27.3329, 75.8197

Rectangle

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



39.1318, 27.3329, 5.0470



22.7866, 27.3329, 2.4128



16.1631, 27.3329, 90.0716



29.4567, 27.3329, 114.5550

Sweetspot

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



39.1324, 27.3344, 5.0475



74.3136, 72.3168, 59.4764



42.0646, 21.8546, 40.9975



15.3859, 14.7662, 11.5456



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.



39.1324, 27.3344, 5.0475



44.4552, 27.6904, 3.0017



54.4906, 58.0508, 10.1668



15.4736, 15.8702, 15.7664



20.6862, 13.0667, 1.4318



1.7097, 1.1968, 0.1409

Inverse Universe

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



29.8372, 34.7258, 82.9715



32.5043, 36.1287, 99.8681



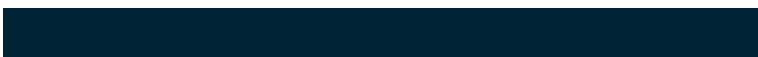
18.0950, 11.2414, 79.0574



15.0724, 16.2312, 19.2608



15.1831, 17.0132, 46.2266



1.2798, 1.5112, 3.6591

Previews

White Background



This preview shows how the XYZ color 39.1318, 27.3329, 5.0470 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 39.1318, 27.3329, 5.0470 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 39.1318, 27.3329, 5.0470

Background



This preview shows how black text looks on a background with the XYZ color 39.1318, 27.3329, 5.0470.



This preview shows how white text looks on a background with the XYZ color 39.1318, 27.3329,

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

39.1318, 27.3329, 5.0470

Protanopia

24.8532, 27.3319, 6.7620

Deuteranopia

28.0149, 27.4939, 4.6409



Tritanopia

41.3149, 27.3615, 15.9357

Trichromacy



Original Color

39.1318, 27.3329, 5.0470

Protanomaly

28.6673, 26.1850, 5.9261

Deuteranomaly

31.2367, 26.7785, 4.6210

Tritanomaly

40.1341, 27.1504, 10.5224

Monochromacy



Original Color

39.1318, 27.3329, 5.0470

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.1778, 23.7439, 15.2599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1318, 27.3329, 5.0470 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(234, 103, 38)` looks like.

```
.text, #text, p{  
    color:rgb(234, 103, 38)  
}
```

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(234, 103, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 103, 38) }
```

Border

The CSS property to change the border of an element to XYZ 39.1318, 27.3329, 5.0470 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(234, 103, 38) }
```


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

```
.border{ border-color:rgb(234, 103, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 103, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 103, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 103, 38);  
box-shadow:4px 4px 4px 4px rgb(234, 103,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1318, 27.3329, 5.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 103, 38) }
```

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

```
.background{ background-color: rgb(234,  
103, 38) }
```

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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