

Converting Colors

XYZ(41.4137, 27.9345, 4.9594)

Have a look what the booklet for
XYZ(41.4137, 27.9345, 4.9594)
contains.

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Color

**XYZ(41.4137, 27.9345,
4.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	F26325
RGB	242, 99, 37
RGB Percent	95%, 39%, 15%
CMY	0.0510, 0.6117, 0.8549
CMYK	0.00, 0.59, 0.85, 0.05
HSL	18°, 89%, 55%
HSV	18°, 85%, 95%
XYZ	41.4137, 27.9345, 4.9594
YIQ	134.6890, 105.1300, 11.0340

Conversions

Conversions Part 2

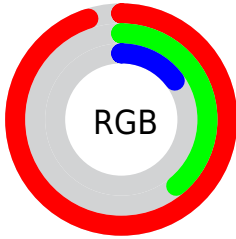
Format	Color
R_{YB}	242, 126, 37
Decimal	15885093
CIE Lab	59.83, 52.21, 59.32
CIE LCh	60, 79.018, 48.647
Yxy	27.9345, 0.5573, 0.3759
Android (android.graphics.Color)	4294075173 (0xFFFF26325)
YUV	134.6890, -48.1607, 94.1117
Hunter-Lab	52.8531, 47.3730, 31.4338

Details

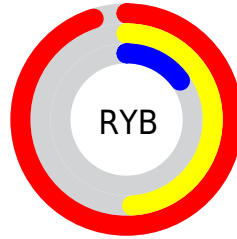
The XYZ color **41.4137, 27.9345, 4.9594** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **33.1095, 39.4433, 89.8720**, and the grayscale version is **23.0605, 24.2614, 26.4207**.

A 20% lighter version of the original color is **54.5571, 45.0758, 15.0575**, and **19.2240, 11.1927, 1.1472** is the 20% darker color. If you saturate the color by 10%, you get **39.7161, 24.9597, 3.0986**, and if you desaturate by 10%, it is **43.6980, 31.6814, 8.2554**.

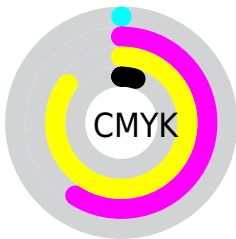
Distribution



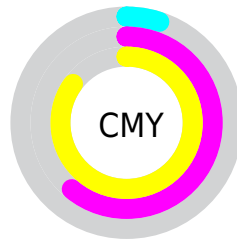
- Red (95%)
- Green (39%)
- Blue (15%)



- Red (95%)
- Yellow (49%)
- Blue (15%)



- Cyan (0%)
- Magenta (59%)
- Yellow (85%)
- Black (5%)





- Cyan (5%)
- Magenta (61%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4137, 27.9345, 4.9594 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 41.4137, 27.9345, 4.9594 by changing the saturation by 10% instead.


 41.4137, 27.9345,
4.9594


 41.4137, 27.9345,
4.9594


343.0798,
292.1538, 158.3571


 28.8316, 18.2763,
2.1651


 76.5823, 56.3799,
16.1681

 19.0971, 11.1485,
0.6541


 99.8994, 75.9358,
25.4196

 11.8449, 6.1668,
0.0000


 127.5256, 99.5597,
37.6606

 6.7096, 2.9468,
0.0000

 159.8262,
127.6361, 53.3097

 3.3259, 1.1040,
0.0000

 197.1666,
160.5493, 72.7853

 1.3283, 0.0000,
0.0000

 239.9121,

 0.2043, 0.0000,

198.6837, 96.5061

0.0000

288.4280,
242.4238, 124.8905

■ 0.0000, 0.0000,
0.0000

■ 41.4137, 27.9345,
4.9594

■ 41.4137, 27.9345,
4.9594

■ 39.7161, 24.9597,
3.0986

■ 43.6980, 31.6814,
8.2554


■ 39.0133, 23.6684,
2.5122


■ 46.6293, 36.2513,
13.2178


■ 50.2609, 41.6951,
20.0373


■ 54.6395, 48.0580,
28.8781

■ 59.8073, 55.3817,
39.8860

 65.8032, 63.7053,
53.1933

 72.6635, 73.0657,
68.9218

 80.4219, 83.4975,
87.1843

 89.1106, 95.0342,
108.0868

Harmonies

Analogous

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



49.2948, 27.9345, 15.9706



41.4137, 27.9345, 4.9594



30.5247, 27.9345, 2.0573

Triad

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



41.4137, 27.9345, 4.9594



11.7927, 27.9345, 20.8004



33.1962, 27.9345, 118.3049

Complementary

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



41.4137, 27.9345, 4.9594



33.1095, 39.4433, 89.8720

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.



22.9379, 27.9345, 122.8535



41.4137, 27.9345, 4.9594



12.1657, 27.9345, 51.6764

Square

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



41.4137, 27.9345, 4.9594



14.5605, 27.9345, 6.5925



15.7523, 27.9345, 93.4356



43.7877, 27.9345, 83.3383

Rectangle

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



41.4137, 27.9345, 4.9594



23.7596, 27.9345, 1.9831



15.7523, 27.9345, 93.4356



29.5527, 27.9345, 124.0038

Sweetspot

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



41.4143, 27.9361, 4.9599



73.8499, 71.3894, 59.3218



45.5685, 23.5160, 45.5849



15.2770, 14.5484, 11.5093



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.



41.4143, 27.9361, 4.9599



43.9031, 26.5863, 2.8177



57.8382, 60.7838, 10.4345



16.1626, 16.5383, 16.4901



21.0632, 12.9245, 1.3845



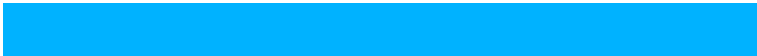
1.8365, 1.2436, 0.1432

Inverse Universe

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



33.1095, 39.4433, 89.8720



33.9441, 39.0083, 100.3480



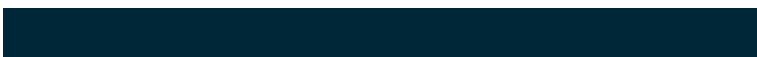
19.5144, 12.2531, 85.3403



15.8203, 17.0748, 20.1835



16.3375, 18.8992, 47.9147



1.4461, 1.7462, 4.0150

Previews

White Background



This preview shows how the XYZ color 41.4137, 27.9345, 4.9594 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 41.4137, 27.9345, 4.9594 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 41.4137, 27.9345, 4.9594

Background



This preview shows how black text looks on a background with the XYZ color 41.4137, 27.9345, 4.9594.



This preview shows how white text looks on a background with the XYZ color 41.4137, 27.9345,

4.9594.

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

41.4137, 27.9345, 4.9594

Protanopia

25.5801, 28.1539, 6.9918

Deuteranopia

28.5753, 27.9991, 4.4286



Tritanopia

43.4747, 27.9627, 14.9103

Trichromacy



Original Color

41.4137, 27.9345, 4.9594

Protanomaly

29.6787, 26.7042, 6.0728

Deuteranomaly

32.1497, 27.0692, 4.3946

Tritanomaly

42.3589, 27.7609, 9.9633

Monochromacy



Original Color

41.4137, 27.9345, 4.9594

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.6672, 23.8186, 14.9963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4137, 27.9345, 4.9594 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(242, 99, 37)` looks like.

```
.text, #text, p{  
    color:rgb(242, 99, 37)  
}
```

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(242, 99, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 99, 37) }
```

Border

The CSS property to change the border of an element to XYZ 41.4137, 27.9345, 4.9594 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(242, 99, 37) }
```


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

```
.border{ border-color:rgb(242, 99, 37) }
```

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

Here you see how a box with a 4 pixel rgb(242, 99, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 99, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 99, 37);  
box-shadow:4px 4px 4px 4px rgb(242, 99,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4137, 27.9345, 4.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 99, 37) }
```

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

```
.background{ background-color: rgb(242, 99,  
37) }
```

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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