

Converting Colors

XYZ(41.9269, 29.5414, 5.0056)

Have a look what the booklet for
XYZ(41.9269, 29.5414, 5.0056)
contains.

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Color

**XYZ(41.9269, 29.5414,
5.0056)**

Conversions

Conversions Part 1

Format	Color
Hex	F16C22
RGB	241, 108, 34
RGB Percent	95%, 42%, 13%
CMY	0.0549, 0.5764, 0.8667
CMYK	0.00, 0.55, 0.86, 0.05
HSL	21°, 88%, 54%
HSV	21°, 86%, 95%
XYZ	41.9269, 29.5414, 5.0056
YIQ	139.3310, 103.0220, 5.1820

Conversions

Conversions Part 2

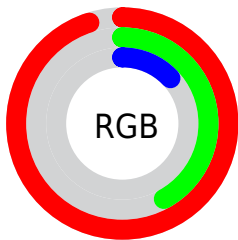
Format	Color
RYB	241, 149, 34
Decimal	15821858
CIELab	61.26, 47.61, 61.55
CIElCh	61, 77.821, 52.277
Yxy	29.5414, 0.5483, 0.3863
Android (android.graphics.Color)	4294011938 (0xFFFF16C22)
YUV	139.3310, -51.9282, 89.1637
Hunter-Lab	54.3520, 42.5781, 32.5860

Details

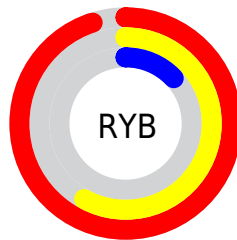
The XYZ color **41.9269, 29.5414, 5.0056** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **30.3542, 34.3257, 88.2441**, and the grayscale version is **24.8358, 26.1292, 28.4546**.

A 20% lighter version of the original color is **55.8806, 47.7888, 15.2958**, and **19.4977, 12.0795, 1.3039** is the 20% darker color. If you saturate the color by 10%, you get **40.2024, 26.4679, 3.2743**, and if you desaturate by 10%, it is **44.1858, 33.2955, 8.1144**.

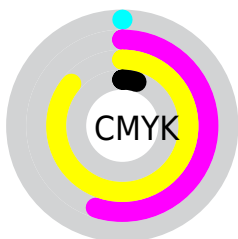
Distribution



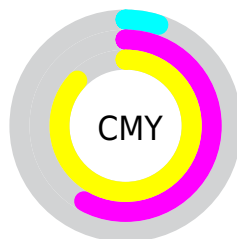
- Red (95%)
- Green (42%)
- Blue (13%)



- Red (95%)
- Yellow (58%)
- Blue (13%)



- Cyan (0%)
- Magenta (55%)
- Yellow (86%)
- Black (5%)





- Cyan (5%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9269, 29.5414, 5.0056 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 41.9269, 29.5414, 5.0056 by changing the saturation by 10% instead.


 41.9269, 29.5414,
5.0056


 41.9269, 29.5414,
5.0056


345.1766,
299.7609, 158.8211


 29.2349, 19.4908,
2.1917


 77.3548, 58.9362,
16.2696


 19.4038, 12.0254,
0.6696


 100.8215, 79.0491,
25.5568


 12.0681, 6.7610,
0.0000


 128.6104,
103.2849, 37.8389

 6.8626, 3.3131,
0.0000

 161.0870,
132.0280, 53.5343

 3.4219, 1.2973,
0.0000

 198.6165,
165.6627, 73.0618

 1.3806, 0.1391,
0.0000

 241.5644,

 0.2423, 0.0000,

204.5735, 96.8397

0.0000

290.2960,
249.1448, 125.2866

■ 0.0000, 0.0000,
0.0000

■ 41.9269, 29.5414,
5.0056

■ 41.9269, 29.5414,
5.0056

■ 40.2024, 26.4679,
3.2743

■ 44.1858, 33.2955,
8.1144

■ 39.6161, 25.3823,
2.8113

■ 47.0351, 37.7711,
12.8345

■ 50.5241, 43.0107,
19.3571

■ 54.6957, 49.0512,
27.8458

■ 59.5883, 55.9272,
38.4458

65.2375, 63.6706,
51.2882

71.6761, 72.3120,
66.4935

78.9352, 81.8799,
84.1735

87.0436, 92.4020,
104.4329

Harmonies

Analogous

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



50.5175, 29.5414, 15.1780



41.9269, 29.5414, 5.0056



30.8077, 29.5414, 2.4012

Triad

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



41.9269, 29.5414, 5.0056



12.7401, 29.5414, 25.1683



36.2210, 29.5414, 117.6220

Complementary

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



41.9269, 29.5414, 5.0056



30.3542, 34.3257, 88.2441

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.



25.5149, 29.5414, 126.6153



41.9269, 29.5414, 5.0056



13.5175, 29.5414, 58.6194

Square

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



41.9269, 29.5414, 5.0056



15.2085, 29.5414, 8.5326



17.6739, 29.5414, 100.5396



46.7042, 29.5414, 80.4597

Rectangle

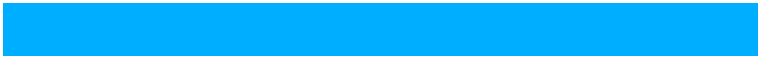
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.9269, 29.5414, 5.0056



24.0971, 29.5414, 2.5418



17.6739, 29.5414, 100.5396



32.4753, 29.5414, 124.6862

Sweetspot

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



41.9275, 29.5431, 5.0061



74.0373, 72.2103, 58.0093



43.9667, 22.6925, 39.3779



15.3493, 14.7783, 11.2706



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.



41.9275, 29.5431, 5.0061



44.9955, 28.7711, 3.1818



59.5982, 64.8844, 10.8963



16.2353, 16.6836, 16.5143



21.5988, 13.9957, 1.5631



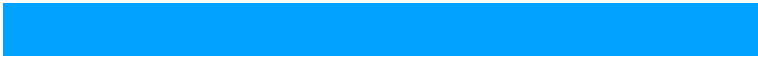
1.8876, 1.3460, 0.1603

Inverse Universe

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



30.3542, 34.3257, 88.2441



31.2953, 33.7106, 99.4651



18.4301, 10.4775, 84.2694



15.7444, 16.9229, 20.1582



15.0834, 16.3910, 47.4967



1.3484, 1.5509, 3.9825

Previews

White Background



This preview shows how the XYZ color 41.9269, 29.5414, 5.0056 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 41.9269, 29.5414, 5.0056 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 41.9269, 29.5414, 5.0056

Background



This preview shows how black text looks on a background with the XYZ color 41.9269, 29.5414, 5.0056.



This preview shows how white text looks on a background with the XYZ color 41.9269, 29.5414,

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

41.9269, 29.5414, 5.0056

Protanopia

26.9280, 29.7837, 6.7125

Deuteranopia

30.0910, 29.6436, 4.5166



Tritanopia

44.6687, 29.6232, 17.5509

Trichromacy



Original Color

41.9269, 29.5414, 5.0056

Protanomaly

30.9004, 28.5409, 5.8878

Deuteranomaly

33.7177, 29.0201, 4.5338

Tritanomaly

43.3977, 29.5494, 11.2009

Monochromacy



Original Color

41.9269, 29.5414, 5.0056

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.9726, 25.6080, 15.7804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9269, 29.5414, 5.0056 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(241, 108, 34)` looks like.

```
.text, #text, p{  
    color:rgb(241, 108, 34)  
}
```

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(241, 108, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 108, 34) }
```

Border

The CSS property to change the border of an element to XYZ 41.9269, 29.5414, 5.0056 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(241, 108, 34) }
```


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

```
.border{ border-color:rgb(241, 108, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 108, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 108, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 108, 34);  
box-shadow:4px 4px 4px 4px rgb(241, 108,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9269, 29.5414, 5.0056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 108, 34) }
```

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

```
.background{ background-color: rgb(241,  
108, 34) }
```

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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