

Converting Colors

XYZ(41.0531, 26.6831, 3.0197)

Have a look what the booklet for
XYZ(41.0531, 26.6831, 3.0197)
contains.

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Color

**XYZ(41.0548, 26.7175,
3.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	F45B01
RGB	244, 91, 1
RGB Percent	96%, 36%, 0%
CMY	0.0431, 0.6431, 0.9961
CMYK	0.00, 0.63, 1.00, 0.04
HSL	22°, 99%, 48%
HSV	22°, 100%, 96%
XYZ	41.0548, 26.7175, 3.0219
YIQ	126.4870, 120.0780, 4.4460

Conversions

Conversions Part 2

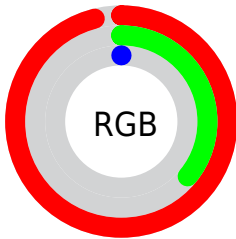
Format	Color
R_YB	244, 144, 1
Decimal	16014081
CIE Lab	58.71, 55.93, 68.26
CIE LCh	59, 88.245, 50.673
Yxy	26.7175, 0.5799, 0.3774
Android (android.graphics.Color)	4294204161 (0xFFFF45B01)
YUV	126.4870, -61.8651, 103.0589
Hunter-Lab	51.6890, 51.3208, 32.7160

Details

The XYZ color **41.0548, 26.7175, 3.0219** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **27.8963, 29.6475, 89.8395**, and the grayscale version is **20.1747, 21.2254, 23.1145**.

A 20% lighter version of the original color is **52.5023, 42.2111, 10.5346**, and **19.0804, 10.5637, 1.0333** is the 20% darker color. If you saturate the color by 10%, you get **40.9959, 26.6090, 2.9753**, and if you desaturate by 10%, it is **42.6803, 29.6899, 4.4240**.

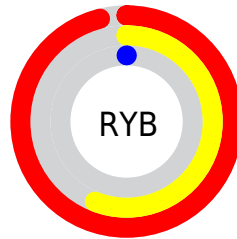
Distribution



Red (96%)

Green (36%)

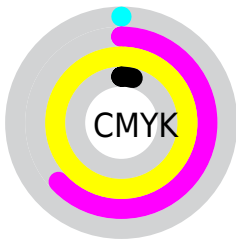
Blue (0%)



Red (96%)

Yellow (56%)

Blue (0%)

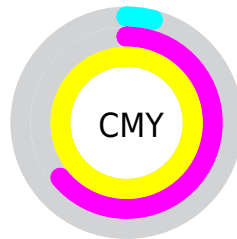


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (4%)



Cyan (4%)


Magenta (64%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0548, 26.7175, 3.0219 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 41.0548, 26.7175, 3.0219 by changing the saturation by 10% instead.


 41.0548, 26.7175,
3.0219


 41.0548, 26.7175,
3.0219


341.6083,
286.2867, 136.6391


 28.5498, 17.3612,
1.1058


 76.0413, 54.4302,
11.6824

 18.8831, 10.4923,
0.0000


 99.2534, 73.5554,
19.2640

 11.6893, 5.7266,
0.0000


 126.7653, 96.7056,
29.5711

 6.6032, 2.6796,
0.0000

 158.9422,
124.2653, 43.0223

 3.2593, 0.9668,
0.0000

 196.1497,
156.6189, 60.0362


 1.2923, 0.0000,
0.0000


 238.7529,


 0.1775, 0.0000,


194.1507, 81.0312


0.0000


 287.1173,
237.2452, 106.4260


 0.0000, 0.0000,
0.0000


 41.0548, 26.7175,
3.0219


 41.0548, 26.7175,
3.0219


 40.9959, 26.6090,
2.9753

 42.6803, 29.6899,
4.4240

 44.8064, 33.3155,
7.0647

 47.5103, 37.6490,
11.2779

 50.8441, 42.7320,
17.2741

 54.8531, 48.6024,
25.2308

■ 59.5776, 55.2950,
35.3037

■ 65.0546, 62.8421,
47.6327

■ 71.3183, 71.2743,
62.3455

■ 78.4006, 80.6206,
79.5602

Harmonies

Analogous

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



50.3613, 26.7175, 12.6775



41.0548, 26.7175, 3.0219



28.9302, 26.7175, 0.9894

Triad

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



41.0548, 26.7175, 3.0219



9.8625, 26.7175, 20.4369



33.4998, 26.7175, 128.5408

Complementary

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



41.0548, 26.7175, 3.0219



27.8963, 29.6475, 89.8395

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.



22.1587, 26.7175, 136.9549



41.0548, 26.7175, 3.0219



10.4421, 26.7175, 55.7130

Square

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



41.0548, 26.7175, 3.0219



12.4270, 26.7175, 5.2704



14.3287, 26.7175, 104.1740



45.2071, 26.7175, 85.8115

Rectangle

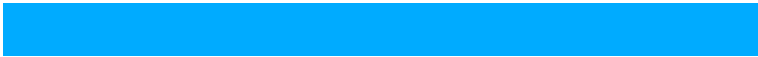
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.0548, 26.7175, 3.0219



21.7210, 26.7175, 1.0153



14.3287, 26.7175, 104.1740



29.4598, 26.7175, 136.2715

Sweetspot

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



41.0554, 26.7191, 3.0223



71.5992, 69.0405, 51.9356



43.2269, 21.6180, 32.8614



14.7590, 14.0020, 9.8278



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.



41.0554, 26.7191, 3.0223



45.2830, 29.3460, 3.2777



60.7570, 66.1223, 9.5895



17.0019, 17.4878, 17.2770



22.4112, 14.7080, 1.6577



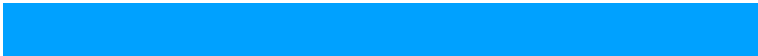
2.0646, 1.4825, 0.1773

Inverse Universe

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



27.8963, 29.6475, 89.8395



30.7161, 32.5521, 99.2720



16.8967, 7.6484, 86.1729



16.4507, 17.6658, 21.0854



15.2635, 16.3209, 48.8838



1.4396, 1.6307, 4.3291

Previews

White Background



This preview shows how the XYZ color 41.0548, 26.7175, 3.0219 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 41.0548, 26.7175, 3.0219 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 41.0548, 26.7175, 3.0219

Background



This preview shows how black text looks on a background with the XYZ color 41.0548, 26.7175, 3.0219.



This preview shows how white text looks on a background with the XYZ color 41.0548, 26.7175,

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

41.0548, 26.7175, 3.0219

Protanopia

24.3457, 26.8898, 4.8268

Deuteranopia

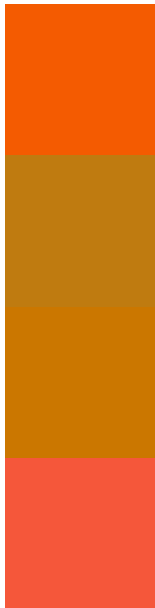
27.2544, 26.9117, 3.7580



Tritanopia

43.1000, 26.8280, 12.5796

Trichromacy



Original Color

41.0548, 26.7175, 3.0219

Protanomaly

28.6623, 25.2797, 3.8590

Deuteranomaly

31.2254, 25.8902, 3.3515

Tritanomaly

41.8281, 26.5344, 6.9200

Monochromacy



Original Color

41.0548, 26.7175, 3.0219

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

23.7525, 20.8394, 10.5551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0548, 26.7175, 3.0219 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(244, 91, 1)` looks like.

```
.text, #text, p{  
    color:rgb(244, 91, 1)  
}
```

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(244, 91, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 91, 1) }
```

Border

The CSS property to change the border of an element to XYZ 41.0548, 26.7175, 3.0219 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(244, 91, 1) }
```


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

```
.border{ border-color:rgb(244, 91, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 91, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 91, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 91, 1);  
box-shadow:4px 4px 4px 4px rgb(244, 91, 1)  
}
```

Background

The CSS property to change the background color of an element to XYZ 41.0548, 26.7175, 3.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 91, 1) }
```

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

```
.background{ background-color: rgb(244, 91,  
1) }
```

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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