

Converting Colors

XYZ(41.3491, 26.3930, 7.6177)

Have a look what the booklet for
XYZ(41.3491, 26.3930, 7.6177)
contains.

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Color

**XYZ(41.3491, 26.3930,
7.6177)**

Conversions

Conversions Part 1

Format	Color
Hex	F3583F
RGB	243, 88, 63
RGB Percent	95%, 35%, 25%
CMY	0.0471, 0.6549, 0.7529
CMYK	0.00, 0.64, 0.74, 0.05
HSL	8°, 88%, 60%
HSV	8°, 74%, 95%
XYZ	41.3491, 26.3930, 7.6177
YIQ	131.4950, 100.4050, 25.0850

Conversions

Conversions Part 2

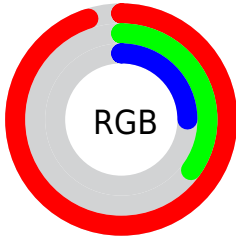
Format	Color
R_{YB}	243, 92, 63
Decimal	15947839
CIE _{Lab}	58.41, 58.14, 45.88
CIE _{LCh}	58, 74.058, 38.280
Yxy	26.3930, 0.5487, 0.3502
Android (android.graphics.Color)	4294137919 (0xFFFF3583F)
YUV	131.4950, -33.7680, 97.7899
Hunter-Lab	51.3741, 53.7632, 27.1704

Details

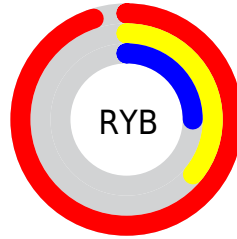
The XYZ color **41.3491, 26.3930, 7.6177** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **43.2966, 57.6660, 93.6422**, and the grayscale version is **21.8439, 22.9815, 25.0268**.

A 20% lighter version of the original color is **54.1379, 42.3764, 20.6553**, and **19.0392, 10.3194, 1.5187** is the 20% darker color. If you saturate the color by 10%, you get **39.3355, 23.2236, 4.3030**, and if you desaturate by 10%, it is **44.1561, 30.6707, 12.6743**.

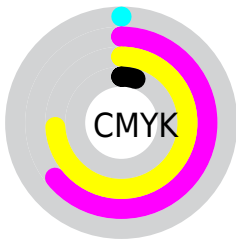
Distribution



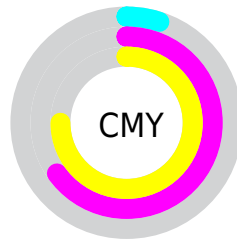
- Red (95%)
- Green (35%)
- Blue (25%)



- Red (95%)
- Yellow (36%)
- Blue (25%)



- Cyan (0%)
- Magenta (64%)
- Yellow (74%)
- Black (5%)





- Cyan (5%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3491, 26.3930, 7.6177 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 41.3491, 26.3930, 7.6177 by changing the saturation by 10% instead.


 41.3491, 26.3930,
7.6177


 41.3491, 26.3930,
7.6177


342.8153,
284.7060, 182.5231

 28.7808, 17.1179,
3.7671


 76.4849, 53.9083,
21.7392

 19.0585, 10.3186,
1.4984


 99.7832, 72.9172,
32.8471

 11.8168, 5.6107,
0.2168


 127.3888, 95.9396,
47.2112

 6.6904, 2.6098,
0.0000

 159.6672,
123.3597, 65.2500

 3.3138, 0.9316,
0.0000

 196.9837,
155.5620, 87.3820

 1.3218, 0.0000,
0.0000

 239.7036,

 0.1995, 0.0000,

192.9309, 114.0259

0.0000

288.1924,
235.8508, 145.6000

■ 0.0000, 0.0000,
0.0000

■ 41.3491, 26.3930,
7.6177

■ 41.3491, 26.3930,
7.6177

■ 39.3355, 23.2236,
4.3030

■ 44.1561, 30.6707,
12.6743

■ 38.0273, 21.0541,
2.4895


■ 47.8281, 36.1429,
19.6686


■ 37.5272, 20.1850,
1.9182


■ 52.4303, 42.8922,
28.7714

■ 58.0211, 50.9925,
40.1346

■ 64.6543, 60.5123,
53.8957

 72.3794, 71.5151,
70.1815

 81.2429, 84.0607,
89.1098

 90.7719, 97.7946,
108.6998

Harmonies

Analogous

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



46.5109, 26.3930, 22.1499



41.3491, 26.3930, 7.6177



32.0820, 26.3930, 2.8655

Triad

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



41.3491, 26.3930, 7.6177



12.1574, 26.3930, 13.9741



27.6724, 26.3930, 111.4778

Complementary

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



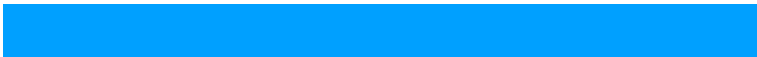
41.3491, 26.3930, 7.6177



43.2966, 57.6660, 93.6422

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.



19.1887, 26.3930, 104.1994



41.3491, 26.3930, 7.6177



11.5195, 26.3930, 36.5167

Square

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



41.3491, 26.3930, 7.6177



15.7869, 26.3930, 4.6994



13.7677, 26.3930, 71.9091



37.4646, 26.3930, 88.1830

Rectangle

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



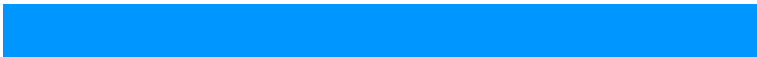
41.3491, 26.3930, 7.6177



25.6110, 26.3930, 2.1749



13.7677, 26.3930, 71.9091



24.5677, 26.3930, 112.7076

Sweetspot

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



41.3497, 26.3945, 7.6181



73.7760, 69.8566, 63.5672



51.5256, 27.7242, 69.6532



15.3208, 14.2803, 12.6211



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.



41.3497, 26.3945, 7.6181



43.0442, 24.5321, 3.5682



53.5813, 50.8578, 11.6953



16.6848, 16.8537, 17.1713



20.6525, 11.1906, 1.0715



1.8714, 1.0960, 0.1129

Inverse Universe

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



43.2966, 57.6660, 93.6422



45.0432, 60.4935, 103.9101



26.0779, 23.2285, 87.9026



16.7889, 18.3421, 21.1981



21.4995, 28.7928, 50.9624



1.9425, 2.6365, 4.4967

Previews

White Background



This preview shows how the XYZ color 41.3491, 26.3930, 7.6177 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 41.3491, 26.3930, 7.6177 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 41.3491, 26.3930, 7.6177

Background



This preview shows how black text looks on a background with the XYZ color 41.3491, 26.3930, 7.6177.



This preview shows how white text looks on a background with the XYZ color 41.3491, 26.3930,

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

41.3491, 26.3930, 7.6177

Protanopia

24.4904, 26.5975, 11.4325

Deuteranopia

27.0722, 26.5373, 7.0635



Tritanopia

42.3599, 26.4514, 12.3242

Trichromacy



Original Color

41.3491, 26.3930, 7.6177

Protanomaly

28.6891, 24.9783, 9.7878

Deuteranomaly

30.9192, 25.2973, 7.1241

Tritanomaly

42.0840, 26.4679, 10.4802

Monochromacy



Original Color

41.3491, 26.3930, 7.6177

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.9125, 22.3230, 16.8529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3491, 26.3930, 7.6177 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(243, 88, 63)` looks like.

```
.text, #text, p{  
    color:rgb(243, 88, 63)  
}
```

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(243, 88, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 88, 63) }
```

Border

The CSS property to change the border of an element to XYZ 41.3491, 26.3930, 7.6177 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(243, 88, 63) }
```


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

```
.border{ border-color:rgb(243, 88, 63) }
```

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

Here you see how a box with a 4 pixel rgb(243, 88, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 88, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 88, 63);  
box-shadow:4px 4px 4px 4px rgb(243, 88,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3491, 26.3930, 7.6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 88, 63) }
```

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

```
.background{ background-color: rgb(243, 88,  
63) }
```

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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