

Converting Colors

XYZ(41.1726, 27.6262, 9.0165)

Have a look what the booklet for
XYZ(41.1726, 27.6262, 9.0165)
contains.

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Color

**XYZ(41.0698, 27.5283,
8.9432)**

Conversions

Conversions Part 1

Format	Color
Hex	EF6246
RGB	239, 98, 70
RGB Percent	94%, 38%, 27%
CMY	0.0627, 0.6157, 0.7255
CMYK	0.00, 0.59, 0.71, 0.06
HSL	10°, 84%, 61%
HSV	10°, 71%, 94%
XYZ	41.0698, 27.5283, 8.9432
YIQ	136.9670, 93.0240, 21.1840

Conversions

Conversions Part 2

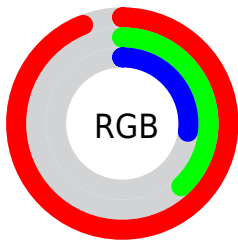
Format	Color
R_{YB}	239, 104, 70
Decimal	15688262
CIE _{Lab}	59.46, 52.75, 43.17
CIE _{LCh}	59, 68.158, 39.296
Yxy	27.5283, 0.5297, 0.3550
Android (android.graphics.Color)	4293878342 (0xFFEF6246)
YUV	136.9670, -33.0147, 89.4829
Hunter-Lab	52.4674, 47.9061, 26.6211

Details

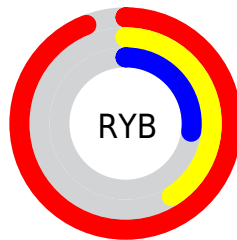
The XYZ color **41.0698, 27.5283, 8.9432** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle muted orange. A complement of this color would be **41.3979, 54.1184, 89.9249**, and the grayscale version is **23.8627, 25.1054, 27.3398**.

A 20% lighter version of the original color is **56.0214, 45.3985, 23.5794**, and **18.8973, 10.9520, 1.9821** is the 20% darker color. If you saturate the color by 10%, you get **38.8209, 24.0074, 5.1830**, and if you desaturate by 10%, it is **44.0846, 32.1016, 14.4391**.

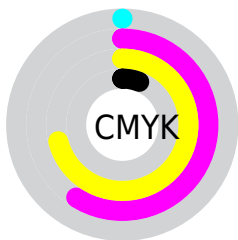
Distribution



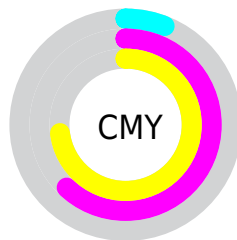
- Red (94%)
- Green (38%)
- Blue (27%)



- Red (94%)
- Yellow (41%)
- Blue (27%)



- Cyan (0%)
- Magenta (59%)
- Yellow (71%)
- Black (6%)





- Cyan (6%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0698, 27.5283, 8.9432 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 41.0698, 27.5283, 8.9432 by changing the saturation by 10% instead.


 41.0698, 27.5283,
8.9432


 41.0698, 27.5283,
8.9432


341.6699,
290.2060, 193.1561


 28.5615, 17.9704,
4.6078


 76.0639, 55.7305,
24.3638

 18.8920, 10.9287,
1.9644


 99.2804, 75.1435,
36.2861


 11.6958, 6.0189,
0.5332


 126.7971, 98.6104,
51.5744

 6.6076, 2.8566,
0.0000

 158.9792,
126.5155, 70.6474

 3.2621, 1.0573,
0.0000

 196.1922,
159.2432, 93.9235

 1.2938, 0.0000,
0.0000

238.8014,

 0.1786, 0.0000,

197.1779, 121.8213

0.0000

287.1722,
240.7041, 154.7593

■ 0.0000, 0.0000,
0.0000

■ 41.0698, 27.5283,
8.9432

■ 41.0698, 27.5283,
8.9432

■ 38.8209, 24.0074,
5.1830

■ 44.0846, 32.1016,
14.4391

■ 37.2628, 21.4486,
2.9453


■ 47.9268, 37.7984,
21.8474


■ 36.3421, 19.8420,
1.9144


■ 52.6536, 44.6890,
31.3243

■ 58.3164, 52.8365,
43.0095

■ 64.9627, 62.2995,
57.0307

 72.6365, 73.1330,
73.5054

 81.3794, 85.3886,
92.5437

 89.4064, 97.0906,
108.6359

Harmonies

Analogous

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



45.9854, 27.5283, 22.9899



41.0698, 27.5283, 8.9432



32.4214, 27.5283, 3.9751

Triad

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



41.0698, 27.5283, 8.9432



13.5975, 27.5283, 16.2136



28.9128, 27.5283, 104.6379

Complementary

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



41.0698, 27.5283, 8.9432



41.3979, 54.1184, 89.9249

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.



20.7698, 27.5283, 99.1592



41.0698, 27.5283, 8.9432



13.0578, 27.5283, 38.2452

Square

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



41.0698, 27.5283, 8.9432



17.0689, 27.5283, 6.3006



15.3883, 27.5283, 70.8010



38.0257, 27.5283, 83.2058

Rectangle

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



41.0698, 27.5283, 8.9432



26.3674, 27.5283, 3.2361



15.3883, 27.5283, 70.8010



25.9633, 27.5283, 106.0598

Sweetspot

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



41.0704, 27.5298, 8.9437



74.9625, 71.7520, 65.4349



49.8795, 27.5682, 66.0762



15.5659, 14.6776, 12.9887



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.



41.0704, 27.5298, 8.9437



44.0542, 26.3221, 4.6137



52.9929, 51.3748, 12.9178



15.9844, 16.1820, 16.4307



20.1466, 11.0914, 1.0790



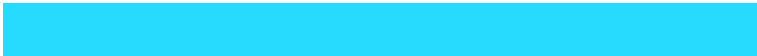
1.7374, 1.0455, 0.1102

Inverse Universe

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



41.3979, 54.1184, 89.9249



44.2105, 58.3407, 103.5385



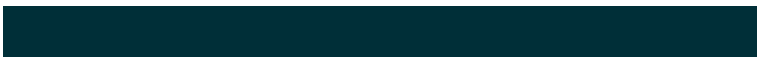
25.9758, 23.2743, 84.7842



16.0114, 17.4569, 20.2472



20.0293, 26.2828, 49.1453



1.7249, 2.3038, 4.1080

Previews

White Background



This preview shows how the XYZ color 41.0698, 27.5283, 8.9432 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 41.0698, 27.5283, 8.9432 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 41.0698, 27.5283, 8.9432

Background



This preview shows how black text looks on a background with the XYZ color 41.0698, 27.5283, 8.9432.



This preview shows how white text looks on a background with the XYZ color 41.0698, 27.5283,

8.9432.

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

41.0698, 27.5283, 8.9432

Protanopia

25.5176, 27.7705, 12.6097

Deuteranopia

28.1753, 27.7041, 8.4199



Tritanopia

42.2381, 27.4508, 15.1289

Trichromacy



Original Color

41.0698, 27.5283, 8.9432

Protanomaly

29.5309, 26.3227, 11.1138

Deuteranomaly

31.8565, 26.8269, 8.5001

Tritanomaly

41.8306, 27.4310, 12.5412

Monochromacy



Original Color

41.0698, 27.5283, 8.9432

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

27.5192, 24.3568, 18.8737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0698, 27.5283, 8.9432 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(239, 98, 70)` looks like.

```
.text, #text, p{  
    color:rgb(239, 98, 70)  
}
```

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(239, 98, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 98, 70) }
```

Border

The CSS property to change the border of an element to XYZ 41.0698, 27.5283, 8.9432 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(239, 98, 70) }
```


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

```
.border{ border-color:rgb(239, 98, 70) }
```

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

Here you see how a box with a 4 pixel rgb(239, 98, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 98, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 98, 70);  
box-shadow:4px 4px 4px 4px rgb(239, 98,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0698, 27.5283, 8.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 98, 70) }
```

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

```
.background{ background-color: rgb(239, 98,  
70) }
```

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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