

Converting Colors

XYZ(46.7603, 30.5800, 10.7605)

Have a look what the booklet for
XYZ(46.7603, 30.5800, 10.7605)
contains.

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Color

**XYZ(46.7462, 30.5590,
10.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	FE634F
RGB	254, 99, 79
RGB Percent	100%, 39%, 31%
CMY	0.0039, 0.6117, 0.6902
CMYK	0.00, 0.61, 0.69, 0.00
HSL	7°, 99%, 65%
HSV	7°, 69%, 100%
XYZ	46.7462, 30.5590, 10.8318
YIQ	143.0650, 98.8000, 26.6400

Conversions

Conversions Part 2

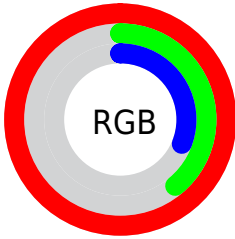
Format	Color
RYB	254, 102, 79
Decimal	16671567
CIELab	62.13, 57.89, 42.04
CIELCh	62, 71.547, 35.988
Yxy	30.5590, 0.5304, 0.3467
Android (android.graphics.Color)	4294861647 (0xFFFE634F)
YUV	143.0650, -31.5840, 97.2900
Hunter-Lab	55.2802, 54.2033, 27.0786

Details

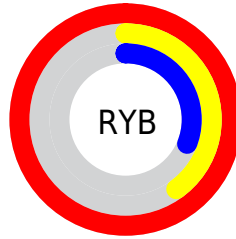
The XYZ color **46.7462, 30.5590, 10.8318** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed orange. A complement of this color would be **50.5341, 67.6585, 104.1614**, and the grayscale version is **26.2302, 27.5962, 30.0522**.

A 20% lighter version of the original color is **56.9238, 46.2877, 26.7031**, and **22.2685, 12.5745, 2.6923** is the 20% darker color. If you saturate the color by 10%, you get **44.1493, 26.5733, 6.2433**, and if you desaturate by 10%, it is **50.2909, 35.8763, 17.4779**.

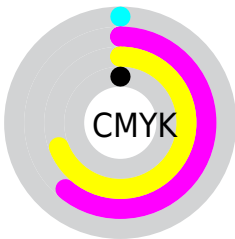
Distribution



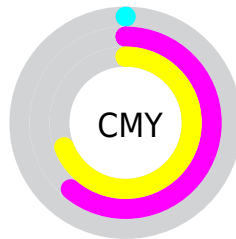
- Red (100%)
- Green (39%)
- Blue (31%)



- Red (100%)
- Yellow (40%)
- Blue (31%)



- Cyan (0%)
- Magenta (61%)
- Yellow (69%)
- Black (0%)





- Cyan (0%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7462, 30.5590, 10.8318 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 46.7462, 30.5590, 10.8318 by changing the saturation by 10% instead.


 46.7462, 30.5590,
10.8318


 46.7462, 30.5590,
10.8318


364.4664,
304.5015, 207.2058


 33.0422, 20.2633,
5.8411


 84.5557, 60.5451,
27.9806

 22.3181, 12.5866,
2.6815


 109.3919, 81.0042,
40.9758


 14.2088, 7.1445,
0.9341


 138.6695,
105.6200, 57.4762

 8.3487, 3.5526,
0.0000

 172.7539,
134.7767, 77.9004

 4.3725, 1.4266,
0.0000

 212.0104,
168.8588, 102.6669

 1.9150, 0.2362,
0.0000

256.8044,

 0.5855, 0.0000,

208.2507, 132.1943

0.0000

307.5013,
253.3368, 166.9011

■ 0.0000, 0.0000,
0.0000

■ 46.7462, 30.5590,
10.8318

■ 46.7462, 30.5590,
10.8318

■ 44.1493, 26.5733,
6.2433

■ 50.2909, 35.8763,
17.4779

■ 42.4049, 23.7955,
3.4693

■ 54.8622, 42.6240,
26.3848


■ 41.3919, 22.0843,
2.1615

■ 60.5329, 50.8975,
37.7326

■ 41.3132, 21.9515,
2.0596

■ 67.3685, 60.7827,
51.6831

■ 75.4294, 72.3587,
68.3840

 84.7717, 85.6997,
87.9721

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



51.6198, 30.5590, 28.0439



46.7462, 30.5590, 10.8318



37.2483, 30.5590, 4.5410

Triad

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



46.7462, 30.5590, 10.8318



15.2051, 30.5590, 16.0265



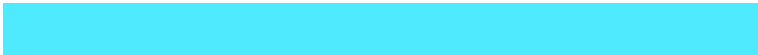
31.0196, 30.5590, 118.7545

Complementary

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



46.7462, 30.5590, 10.8318



50.5341, 67.6585, 104.1614

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.



22.1449, 30.5590, 108.9952



46.7462, 30.5590, 10.8318



14.2508, 30.5590, 39.1160

Square

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



46.7462, 30.5590, 10.8318



19.4692, 30.5590, 6.1704



16.4942, 30.5590, 75.1600



41.3374, 30.5590, 97.2464

Rectangle

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



46.7462, 30.5590, 10.8318



30.3600, 30.5590, 3.4588



16.4942, 30.5590, 75.1600



27.7693, 30.5590, 119.1269

Sweetspot

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



46.7469, 30.5607, 10.8323



74.2875, 70.4019, 65.2098



58.8819, 32.7480, 82.9556



15.4086, 14.3630, 12.9362



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.



46.7469, 30.5607, 10.8323



43.7225, 25.5169, 4.9401



59.4247, 55.9163, 15.0582



18.1766, 18.3213, 18.7227



21.8332, 11.6775, 1.1033



2.1772, 1.2399, 0.1246

Inverse Universe

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



50.5341, 67.6585, 104.1614



47.5812, 64.7816, 104.6041



31.8613, 30.3130, 97.9372



18.3671, 20.1058, 23.1627



23.6909, 32.2914, 54.4188



2.3549, 3.2406, 5.3146

Previews

White Background



This preview shows how the XYZ color 46.7462, 30.5590, 10.8318 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 46.7462, 30.5590, 10.8318 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7462, 30.5590, 10.8318

Background



This preview shows how black text looks on a background with the XYZ color 46.7462, 30.5590, 10.8318.



This preview shows how white text looks on a background with the XYZ color 46.7462, 30.5590,

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

46.7462, 30.5590, 10.8318

Protanopia

28.3739, 30.5683, 15.7141

Deuteranopia

31.1777, 30.5262, 10.0433



Tritanopia

47.8211, 30.5851, 15.9534

Trichromacy



Original Color

46.7462, 30.5590, 10.8318

Protanomaly

32.9877, 28.8411, 13.5011

Deuteranomaly

35.6559, 29.5087, 10.1198

Tritanomaly

47.5351, 30.6175, 13.9941

Monochromacy



Original Color

46.7462, 30.5590, 10.8318

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

30.5080, 26.6021, 21.2961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7462, 30.5590, 10.8318 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(254, 99, 79)` looks like.

```
.text, #text, p{  
    color:rgb(254, 99, 79)  
}
```

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(254, 99, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 99, 79) }
```

Border

The CSS property to change the border of an element to XYZ 46.7462, 30.5590, 10.8318 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(254, 99, 79) }
```


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

```
.border{ border-color:rgb(254, 99, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 99, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 99, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 99, 79);  
box-shadow:4px 4px 4px 4px rgb(254, 99,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7462, 30.5590, 10.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 99, 79) }
```

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

```
.background{ background-color: rgb(254, 99,  
79) }
```

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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