

Converting Colors

XYZ(46.6293, 29.7775, 10.6970)

Have a look what the booklet for
XYZ(46.6293, 29.7775, 10.6970)
contains.

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Color

**XYZ(46.6540, 29.8299,
10.6959)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5E4F
RGB	255, 94, 79
RGB Percent	100%, 37%, 31%
CMY	0.0000, 0.6313, 0.6902
CMYK	0.00, 0.63, 0.69, 0.00
HSL	5°, 100%, 65%
HSV	5°, 69%, 100%
XYZ	46.6540, 29.8299, 10.6959
YIQ	140.4290, 100.7710, 29.4670

Conversions

Conversions Part 2

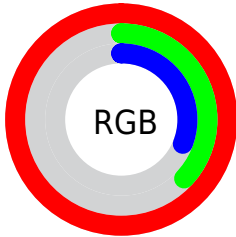
Format	Color
RYB	255, 95, 79
Decimal	16735823
CIELab	61.51, 60.33, 41.35
CIELCh	62, 73.143, 34.426
Yxy	29.8299, 0.5351, 0.3422
Android (android.graphics.Color)	4294925903 (0xFFFF5E4F)
YUV	140.4290, -30.2845, 100.4788
Hunter-Lab	54.6168, 56.8966, 26.6206

Details

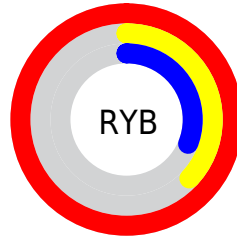
The XYZ color **46.6540, 29.8299, 10.6959** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **52.4316, 71.1966, 105.5861**, and the grayscale version is **25.1824, 26.4939, 28.8518**.

A 20% lighter version of the original color is **56.2691, 44.9782, 26.4848**, and **22.2504, 12.1661, 2.6144** is the 20% darker color. If you saturate the color by 10%, you get **44.1272, 25.9880, 6.1193**, and if you desaturate by 10%, it is **50.1644, 35.0704, 17.3558**.

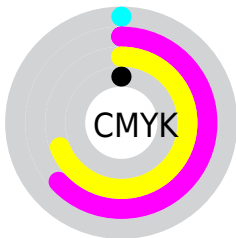
Distribution



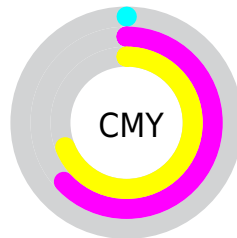
- Red (100%)
- Green (37%)
- Blue (31%)



- Red (100%)
- Yellow (37%)
- Blue (31%)



- Cyan (0%)
- Magenta (63%)
- Yellow (69%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6540, 29.8299, 10.6959 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 46.6540, 29.8299, 10.6959 by changing the saturation by 10% instead.


 46.6540, 29.8299,
10.6959


 46.6540, 29.8299,
10.6959


364.1038,
301.1108, 206.2312

 32.9690, 19.7095,
5.7512


 84.4188, 59.3931,
27.7245


 22.2618, 12.1841,
2.6280


 109.2293, 79.6046,
40.6453


 14.1671, 6.8692,
0.9069


 138.4791,
103.9487, 57.0620

 8.3195, 3.3804,
0.0000

 172.5335,
132.8097, 77.3930

 4.3536, 1.3334,
0.0000

 211.7577,
166.5721, 102.0569

 1.9040, 0.1669,
0.0000

256.5173,

 0.5792, 0.0000,

205.6201, 131.4722

0.0000

307.1775,
250.3382, 166.0574

■ 0.0000, 0.0000,
0.0000

■ 46.6540, 29.8299,
10.6959

■ 46.6540, 29.8299,
10.6959

■ 44.1272, 25.9880,
6.1193

■ 50.1644, 35.0704,
17.3558

■ 42.4803, 23.4056,
3.3774

■ 54.7440, 41.8214,
26.3063

■ 41.5808, 21.9200,
2.1113

■ 60.4712, 50.1892,
37.7315

■ 41.5219, 21.8241,
2.0240

■ 67.4167, 60.2689,
51.7962

■ 75.6453, 72.1486,
68.6509

85.2173, 85.9100,
88.4351

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



51.2668, 29.8299, 28.5350



46.6540, 29.8299, 10.6959



37.1747, 29.8299, 4.2148

Triad

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



46.6540, 29.8299, 10.6959



14.6536, 29.8299, 14.4687



29.8141, 29.8299, 119.9491

Complementary

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



46.6540, 29.8299, 10.6959



52.4316, 71.1966, 105.5861

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.



21.0496, 29.8299, 108.2482



46.6540, 29.8299, 10.6959



13.5437, 29.8299, 36.7722

Square

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



46.6540, 29.8299, 10.6959



19.0737, 29.8299, 5.3604



15.5988, 29.8299, 72.9236



40.2373, 29.8299, 99.3215

Rectangle

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



46.6540, 29.8299, 10.6959



30.1998, 29.8299, 3.0644



15.5988, 29.8299, 72.9236



26.5819, 29.8299, 119.7269

Sweetspot

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



46.6547, 29.8316, 10.6964



73.9110, 69.6490, 65.0844



59.8135, 33.1630, 85.9461



15.3210, 14.1879, 12.9071



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.



46.6547, 29.8316, 10.6964



43.3727, 24.8173, 4.8235



59.3108, 55.1439, 14.9151



18.1339, 18.2359, 18.7085



21.7387, 11.4886, 1.0718



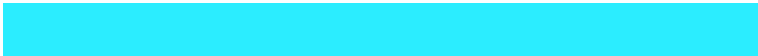
2.1571, 1.1996, 0.1179

Inverse Universe

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



52.4316, 71.1966, 105.5861



49.3308, 68.2808, 105.1872



32.5569, 31.4472, 98.9612



18.4146, 20.2008, 23.1785



24.7498, 34.4092, 54.7718



2.4472, 3.4251, 5.3454

Previews

White Background



This preview shows how the XYZ color 46.6540, 29.8299, 10.6959 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 46.6540, 29.8299, 10.6959 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 46.6540, 29.8299, 10.6959

Background



This preview shows how black text looks on a background with the XYZ color 46.6540, 29.8299, 10.6959.



This preview shows how white text looks on a background with the XYZ color 46.6540, 29.8299,

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

46.6540, 29.8299, 10.6959

Protanopia

27.6975, 29.9728, 16.1299

Deuteranopia

30.5457, 29.9785, 9.9709



Tritanopia

47.2718, 29.7961, 14.8150

Trichromacy



Original Color

46.6540, 29.8299, 10.6959

Protanomaly

32.2877, 28.0753, 13.8425

Deuteranomaly

35.1146, 28.8499, 10.0212

Tritanomaly

47.0427, 29.8440, 13.1786

Monochromacy



Original Color

46.6540, 29.8299, 10.6959

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.6444, 25.4190, 20.4835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6540, 29.8299, 10.6959 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(255, 94, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 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(255, 94, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 79) }
```

Border

The CSS property to change the border of an element to XYZ 46.6540, 29.8299, 10.6959 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(255, 94, 79) }
```


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

```
.border{ border-color:rgb(255, 94, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6540, 29.8299, 10.6959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 79) }
```

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

```
.background{ background-color: rgb(255, 94,  
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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