

Converting Colors

YIQ(129.1500, 114.6180,
26.3140)

Have a look what the booklet for
YIQ(129.1500, 114.6180, 26.3140)
contains.

YIQ(129.1500, 114.6180, 26.3140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.1500, 114.6180,
26.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	FF512F
RGB	255, 81, 47
RGB Percent	100%, 32%, 18%
CMY	0.0000, 0.6826, 0.8152
CMYK	0.00, 0.68, 0.82, 0.00
HSL	10°, 100%, 59%
HSV	10°, 82%, 100%
XYZ	44.6926, 27.3402, 5.6240
YIQ	129.1500, 114.6180, 26.3140

Conversions

Conversions Part 2

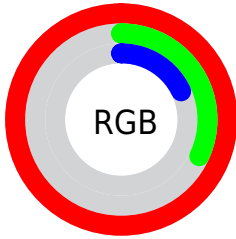
Format	Color
RYB	255, 88, 47
Decimal	16732463
CIELab	59.29, 64.29, 55.32
CIELCh	59, 84.818, 40.712
Yxy	27.3402, 0.5755, 0.3521
Android (android.graphics.Color)	4294922543 (0xFFFF512F)
YUV	129.1500, -40.4999, 110.3705
Hunter-Lab	52.2879, 61.0674, 30.2244

Details

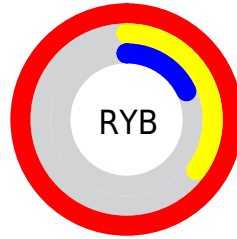
The YIQ color **129.1500, 114.6180, 26.3140** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **172.8500, -114.6180, -26.3140**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7820, 82.9390, 11.2190**, and **56.8100, 113.2400, 40.2800** is the 20% darker color. If you saturate the color by 10%, you get **113.9730, 128.4180, 29.5220**, and if you desaturate by 10%, it is **144.4410, 100.4970, 23.4170**.

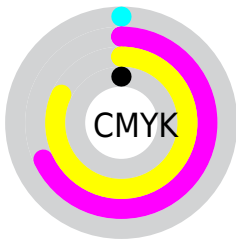
Distribution



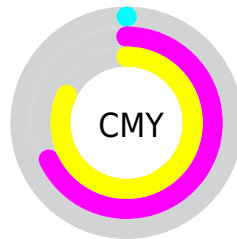
- Red (100%)
- Green (32%)
- Blue (18%)



- Red (100%)
- Yellow (35%)
- Blue (18%)



- Cyan (0%)
- Magenta (68%)
- Yellow (82%)
- Black (0%)





- Cyan (0%)
- Magenta (68%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.1500, 114.6180, 26.3140 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 YIQ color 129.1500, 114.6180, 26.3140 by changing the saturation by 10% instead.


 129.1500,
114.6180, 26.3140


 129.1500,
114.6180, 26.3140


255.0000, -0.0000,
-0.0000


 97.6490, 111.7750,
28.2790


 168.8960, 82.6180,
11.5300


 56.8100, 113.2400,
40.2800


 188.7690, 66.6180,
4.1380


 46.9430, 93.5720,
33.2840


 208.8700, 49.9760,
-2.6320

 37.3750, 74.5000,
26.5000

 228.9710, 33.3340,
-9.4020

 28.1060, 56.0240,
19.9280

 249.1860, 16.3710,
-15.8610

 20.0760, 38.3730,
14.9250

 252.3780, 7.3830,

 9.6820, 18.7510,

-7.1530

7.0950

■ 0.0000, 0.0000,
0.0000

■ 129.1500,
114.6180, 26.3140

■ 129.1500,
114.6180, 26.3140

■ 113.9730,
128.4180, 29.5220

■ 144.4410,
100.4970, 23.4170

■ 100.3120,
140.7050, 32.6170

■ 160.2050, 86.4220,
19.6860

■ 175.4960, 72.3010,
16.7890

■ 190.6730, 58.5010,
13.5810

■ 206.5510, 44.1050,
10.1610

221.7280, 30.3050,
6.9530

237.0190, 16.1840,
4.0560

252.7830, 2.1090,
0.3250

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



113.4050, 102.4600, 70.4600



129.1500, 114.6180, 26.3140



134.1160, 92.4810, -18.5510

Triad

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



129.1500, 114.6180, 26.3140



111.2240, -76.1900, -61.9660



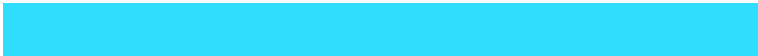
113.5980, -121.4550, 3.9930

Complementary

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



129.1500, 114.6180, 26.3140



172.8500, -114.6180, -26.3140

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.



125.3380, -126.9550, -6.4670



129.1500, 114.6180, 26.3140



121.8770, -102.0530, -39.2770

Square

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



129.1500, 114.6180, 26.3140



113.3110, -11.1280, -73.6880



128.7970, -124.2940, -16.1500



145.0900, -6.6590, 60.1330

Rectangle

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



129.1500, 114.6180, 26.3140



133.3090, 63.4160, -36.9680



128.7970, -124.2940, -16.1500



118.2940, -123.6550, -0.1910

Sweetspot

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



129.1500, 114.6180, 26.3140



218.1090, 33.6060, 7.7020



129.3700, 67.1510, 99.1430



105.5850, 20.4020, 4.7060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



129.1500, 114.6180, 26.3140



103.8170, 137.7250, 31.5570



188.4370, 86.8430, -26.5090



120.0610, 7.1980, 1.7100



75.3060, 105.3110, 24.2790



25.0060, 35.3940, 8.3380

Inverse Universe

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



172.8500, -114.6180, -26.3140



156.1830, -137.7250, -31.5570



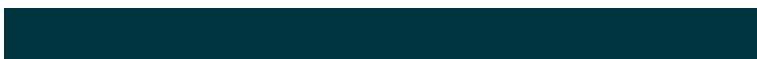
113.5630, -86.8430, 26.5090



122.3520, -6.9230, -1.1870



115.6940, -105.3110, -24.2790



38.4070, -35.1190, -7.8150

Previews

White Background



This preview shows how the YIQ color 129.1500, 114.6180, 26.3140 looks on a white background.

Color Contrast Check

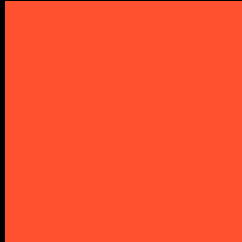
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 129.1500, 114.6180, 26.3140 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](#).

YIQ 129.1500, 114.6180, 26.3140

Background



This preview shows how black text looks on a background with the YIQ color 129.1500, 114.6180, 26.3140.



This preview shows how white text looks on a background with the YIQ color 129.1500, 114.6180,

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

129.1500, 114.6180, 26.3140

Protanopia

138.7780, 34.8950, -21.1770

Deuteranopia

137.0720, 60.2500, -23.6380



Tritanopia

131.3790, 104.2080, 38.7680

Trichromacy



Original Color

129.1500, 114.6180, 26.3140

Protanomaly

135.0580, 64.0060, -3.5940

Deuteranomaly

134.0890, 79.9160, -5.5880

Tritanomaly

130.4840, 108.1060, 34.2020

Monochromacy



Original Color

129.1500, 114.6180, 26.3140

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.3550, 41.7210, 9.3130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.1500, 114.6180, 26.3140 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, 81, 47)` looks like.

```
.text, #text, p{  
    color:rgb(255, 81, 47)  
}
```

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, 81, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 81, 47) }
```

Border

The CSS property to change the border of an element to YIQ 129.1500, 114.6180, 26.3140 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, 81, 47) }
```


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

```
.border{ border-color:rgb(255, 81, 47) }
```

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

Here you see how a box with a 4 pixel rgb(255, 81, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 81, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 81, 47);  
box-shadow:4px 4px 4px 4px rgb(255, 81,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 129.1500, 114.6180, 26.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 81, 47) }
```

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

```
.background{ background-color: rgb(255, 81,  
47) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor