

Converting Colors

YIQ(128.4490, 115.2140,
26.5260)

Have a look what the booklet for
YIQ(128.4490, 115.2140, 26.5260)
contains.

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Color

**YIQ(128.4490, 115.2140,
26.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	FF502E
RGB	255, 80, 46
RGB Percent	100%, 31%, 18%
CMY	0.0000, 0.6865, 0.8191
CMYK	0.00, 0.69, 0.82, 0.00
HSL	10°, 100%, 59%
HSV	10°, 82%, 100%
XYZ	44.5988, 27.1848, 5.4941
YIQ	128.4490, 115.2140, 26.5260

Conversions

Conversions Part 2

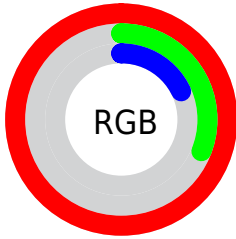
Format	Color
R_{YB}	255, 87, 46
Decimal	16732206
CIE _{Lab}	59.14, 64.64, 55.66
CIE _{LCh}	59, 85.295, 40.730
Yxy	27.1848, 0.5771, 0.3518
Android (android.graphics.Color)	4294922286 (0xFFFF502E)
YUV	128.4490, -40.6474, 110.9852
Hunter-Lab	52.1390, 61.4426, 30.2497

Details

The YIQ color **128.4490, 115.2140, 26.5260** 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 **172.5510, -115.2140, -26.5260**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0810, 83.5350, 11.4310**, and **56.5110, 112.6440, 40.0680** is the 20% darker color. If you saturate the color by 10%, you get **113.2720, 129.0140, 29.7340**, and if you desaturate by 10%, it is **143.7400, 101.0930, 23.6290**.

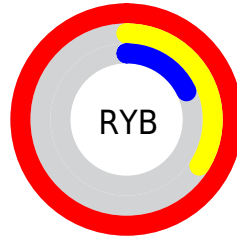
Distribution



Red (100%)

Green (31%)

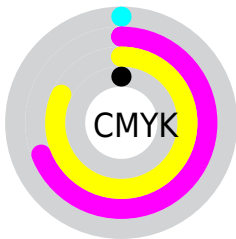
Blue (18%)



Red (100%)

Yellow (34%)

Blue (18%)

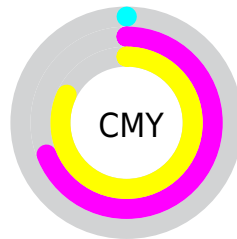


Cyan (0%)

Magenta (69%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.4490, 115.2140, 26.5260 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 128.4490, 115.2140, 26.5260 by changing the saturation by 10% instead.


 128.4490,
115.2140, 26.5260


 128.4490,
115.2140, 26.5260


255.0000, -0.0000,
-0.0000


 96.9480, 112.3710,
28.4910


 168.1950, 83.2140,
11.7420


 56.5110, 112.6440,
40.0680


 188.0680, 67.2140,
4.3500


 46.9430, 93.5720,
33.2840


 208.1690, 50.5720,
-2.4200

 37.3750, 74.5000,
26.5000

 228.2700, 33.9300,
-9.1900

 28.1060, 56.0240,
19.9280

 249.0720, 16.6920,
-16.1720

 20.0760, 38.3730,
14.9250

 252.2640, 7.7040,

 9.6820, 18.7510,

-7.4640

7.0950

■ 0.0000, 0.0000,
0.0000

■ 128.4490,
115.2140, 26.5260

■ 128.4490,
115.2140, 26.5260

■ 113.2720,
129.0140, 29.7340

■ 143.7400,
101.0930, 23.6290

■ 100.3120,
140.7050, 32.6170

■ 159.5040, 87.0180,
19.8980

■ 174.7950, 72.8970,
17.0010

■ 189.9720, 59.0970,
13.7930

■ 205.8500, 44.7010,
10.3730

221.0270, 30.9010,
7.1650

236.9050, 16.5050,
3.7450

252.0820, 2.7050,
0.5370

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.



112.1170, 103.3310, 71.1950



128.4490, 115.2140, 26.5260



133.5290, 92.7560, -18.0280

Triad

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



128.4490, 115.2140, 26.5260



110.5230, -75.5940, -61.7540



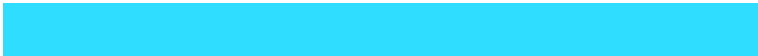
113.0110, -121.1800, 4.5160

Complementary

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



128.4490, 115.2140, 26.5260



172.5510, -115.2140, -26.5260

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



128.4490, 115.2140, 26.5260



121.2900, -101.7780, -38.7540

Square

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



128.4490, 115.2140, 26.5260



113.0120, -11.7240, -73.9000



128.7970, -124.2940, -16.1500



144.5030, -6.3840, 60.6560

Rectangle

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



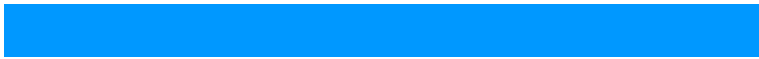
128.4490, 115.2140, 26.5260



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.



128.4490, 115.2140, 26.5260



216.5930, 35.1190, 7.8150



128.7830, 67.4260, 99.6660



104.1830, 21.5940, 5.1300



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.



128.4490, 115.2140, 26.5260



103.8170, 137.7250, 31.5570



188.3230, 87.1640, -26.8200



120.0610, 7.1980, 1.7100



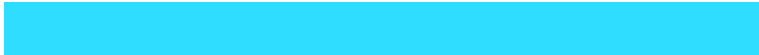
75.3060, 105.3110, 24.2790



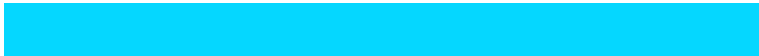
25.0060, 35.3940, 8.3380

Inverse Universe

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



172.5510, -115.2140, -26.5260



156.7700, -138.0000, -32.0800



112.6770, -87.1640, 26.8200



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 128.4490, 115.2140, 26.5260 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 128.4490, 115.2140, 26.5260 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 128.4490, 115.2140, 26.5260

Background



This preview shows how black text looks on a background with the YIQ color 128.4490, 115.2140, 26.5260.



This preview shows how white text looks on a background with the YIQ color 128.4490, 115.2140,

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

128.4490, 115.2140, 26.5260

Protanopia

138.3650, 34.6200, -21.7000

Deuteranopia

136.2570, 61.1670, -23.7370



Tritanopia

130.6780, 104.8040, 38.9800

Trichromacy



Original Color

128.4490, 115.2140, 26.5260

Protanomaly

134.6450, 63.7310, -4.1170

Deuteranomaly

133.3880, 80.5120, -5.3760

Tritanomaly

129.7830, 108.7020, 34.4140

Monochromacy



Original Color

128.4490, 115.2140, 26.5260

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.3550, 41.7210, 9.3130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4490, 115.2140, 26.5260 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, 80, 46)` looks like.

```
.text, #text, p{  
    color:rgb(255, 80, 46)  
}
```

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, 80, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 80, 46) }
```

Border

The CSS property to change the border of an element to YIQ 128.4490, 115.2140, 26.5260 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, 80, 46) }
```


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

```
.border{ border-color:rgb(255, 80, 46) }
```

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

Here you see how a box with a 4 pixel rgb(255, 80, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 80, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 80, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 80,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4490, 115.2140, 26.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 80, 46) }
```

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

```
.background{ background-color: rgb(255, 80,  
46) }
```

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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