

Converting Colors

YIQ(142.9880, 113.7530,
-7.5830)

Have a look what the booklet for
YIQ(142.9880, 113.7530, -7.5830)
contains.

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Color

**YIQ(142.9880, 113.7530,
-7.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	F77504
RGB	247, 117, 4
RGB Percent	97%, 46%, 2%
CMY	0.0311, 0.5414, 0.9837
CMYK	0.00, 0.53, 0.98, 0.03
HSL	28°, 97%, 49%
HSV	28°, 98%, 97%
XYZ	44.7568, 32.5041, 4.0338
YIQ	142.9880, 113.7530, -7.5830

Conversions

Conversions Part 2

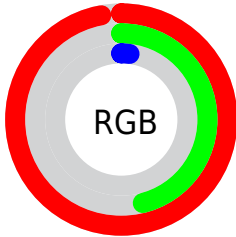
Format	Color
R _{YB}	247, 215, 4
Decimal	16217348
CIE Lab	63.76, 45.21, 70.84
CIE LCh	64, 84.039, 57.452
Yxy	32.5041, 0.5506, 0.3998
Android (android.graphics.Color)	4294407428 (0xFFFF77504)
YUV	142.9880, -68.5211, 91.2185
Hunter-Lab	57.0124, 40.3576, 35.7137

Details

The YIQ color **142.9880, 113.7530, -7.5830** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **108.0120, -113.7530, 7.5830**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8300, 81.8430, -12.9810**, and **92.8720, 91.1930, 4.8010** is the 20% darker color. If you saturate the color by 10%, you get **141.3580, 115.5870, -7.7810**, and if you desaturate by 10%, it is **153.4690, 102.1530, -6.6070**.

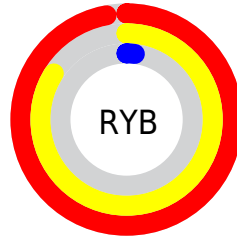
Distribution



Red (97%)

Green (46%)

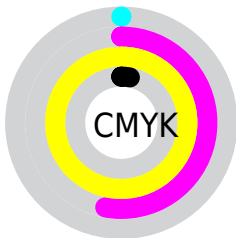
Blue (2%)



Red (97%)

Yellow (84%)

Blue (2%)

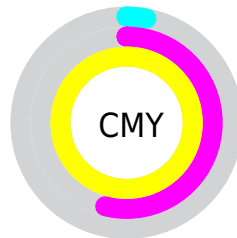


Cyan (0%)

Magenta (53%)

Yellow (98%)

Black (3%)



Cyan (3%)

Magenta (54%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.9880, 113.7530, -7.5830 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 142.9880, 113.7530, -7.5830 by changing the saturation by 10% instead.

142.9880,
113.7530, -7.5830

142.9880,
113.7530, -7.5830

255.0000, -0.0000,
-0.0000

117.7020,
103.1150, -2.0130

184.8300, 81.8430,
-12.9810

92.2850, 91.4680,
5.3240

204.3440, 65.4760,
-19.2280

67.4550, 79.5460,
12.1380

224.4450, 48.8340,
-25.9980

37.0540, 70.9700,
24.3940

243.4860, 32.4210,
-31.4110

26.9100, 53.6400,
19.0800

246.6780, 23.4330,
-22.7030


18.5380, 36.9520,
13.1440

249.8700, 14.4450,


9.6820, 18.7510,


-13.9950


7.0950


 253.1760, 5.1360,
-4.9760


 0.0000, 0.0000,
0.0000


 142.9880,
113.7530, -7.5830


 142.9880,
113.7530, -7.5830


 141.3580,
115.5870, -7.7810

 153.4690,
102.1530, -6.6070

 163.9500, 90.5530,
-5.6310

 174.9040, 78.9990,
-5.4890

 185.3850, 67.3990,
-4.5130

 195.8660, 55.7990,
-3.5370

■ 206.2330, 44.5200,
-2.8720

■ 217.3010, 32.6450,
-2.4190

■ 227.7820, 21.0450,
-1.4430

■ 238.1490, 9.7660,
-0.7780

Harmonies

Analogous

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



132.2910, 101.6400, 41.2560



142.9880, 113.7530, -7.5830



144.8710, 73.4570, -37.2230

Triad

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



142.9880, 113.7530, -7.5830



126.4130, -98.2910, -52.3950



148.9570, -40.8580, 35.6380

Complementary

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



142.9880, 113.7530, -7.5830



108.0120, -113.7530, 7.5830

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.



126.5120, -127.5050, -7.5130



142.9880, 113.7530, -7.5830



135.0770, -122.6870, -28.7590

Square

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



142.9880, 113.7530, -7.5830



113.8850, -71.2820, -73.8260



135.3170, -131.6300, -15.3580



154.4070, 38.2250, 72.6970

Rectangle

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



142.9880, 113.7530, -7.5830



139.6230, 41.3200, -55.0320



135.3170, -131.6300, -15.3580



132.3910, -89.7750, 13.5610

Sweetspot

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



142.9880, 113.7530, -7.5830



223.0840, 34.7540, -2.0940



91.9330, 101.8140, 93.1900



108.7820, 21.0450, -1.4430



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.



142.9880, 113.7530, -7.5830



145.5110, 119.5300, -7.6540



212.2540, 81.3030, -69.2970



117.1100, 5.5020, -0.5940



106.0960, 87.2060, -5.5460



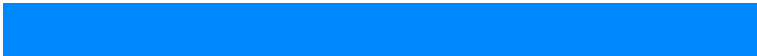
33.4900, 27.7390, -1.6130

Inverse Universe

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



108.0120, -113.7530, 7.5830



109.4890, -119.5300, 7.6540



38.7460, -81.3030, 69.2970



115.4770, -5.7770, 0.0710



79.9040, -87.2060, 5.5460



24.9230, -27.4640, 2.1360

Previews

White Background



This preview shows how the YIQ color 142.9880, 113.7530, -7.5830 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 YIQ color 142.9880, 113.7530, -7.5830 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](#).

YIQ 142.9880, 113.7530, -7.5830

Background



This preview shows how black text looks on a background with the YIQ color 142.9880, 113.7530, -7.5830.



This preview shows how white text looks on a background with the YIQ color 142.9880, 113.7530, -7.5830.

-7.5830.

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

142.9880, 113.7530, -7.5830

Protanopia

145.9320, 54.2920, -36.8120

Deuteranopia

144.8930, 76.3910, -35.3290



Tritanopia

151.9570, 81.7890, 32.0690

Trichromacy



Original Color

142.9880, 113.7530, -7.5830

Protanomaly

144.6900, 75.8850, -26.1550

Deuteranomaly

144.3450, 90.0980, -24.9260

Tritanomaly

148.7450, 93.5290, 17.5370

Monochromacy



Original Color

142.9880, 113.7530, -7.5830

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

143.3790, 41.1730, -2.7870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.9880, 113.7530, -7.5830 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(247, 117, 4)` looks like.

```
.text, #text, p{  
    color:rgb(247, 117, 4)  
}
```

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(247, 117, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 117, 4) }
```

Border

The CSS property to change the border of an element to YIQ 142.9880, 113.7530, -7.5830 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(247, 117, 4) }
```


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

```
.border{ border-color:rgb(247, 117, 4) }
```

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

Here you see how a box with a 4 pixel rgb(247, 117, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 117, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 117, 4);  
box-shadow:4px 4px 4px 4px rgb(247, 117,  
4) }
```

Background

The CSS property to change the background color of an element to YIQ 142.9880, 113.7530, -7.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 117, 4) }
```

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

```
.background{ background-color: rgb(247,  
117, 4) }
```

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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