

Converting Colors

YIQ(144.5910, 81.0180,
-14.5500)

Have a look what the booklet for
YIQ(144.5910, 81.0180, -14.5500)
contains.

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Color

**YIQ(144.5910, 81.0180,
-14.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	D5841E
RGB	213, 132, 30
RGB Percent	84%, 52%, 12%
CMY	0.1646, 0.4825, 0.8819
CMYK	0.00, 0.38, 0.86, 0.16
HSL	33°, 75%, 48%
HSV	33°, 86%, 84%
XYZ	35.9324, 30.7385, 5.2744
YIQ	144.5910, 81.0180, -14.5500

Conversions

Conversions Part 2

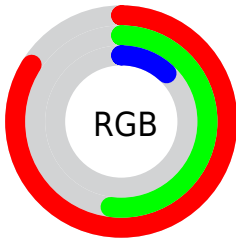
Format	Color
RYB	175, 213, 30
Decimal	13992990
CIELab	62.29, 24.10, 62.07
CIElCh	62, 66.583, 68.783
Yxy	30.7385, 0.4994, 0.4272
Android (android.graphics.Color)	4292183070 (0xFFD5841E)
YUV	144.5910, -56.4934, 59.9947
Hunter-Lab	55.4424, 18.6624, 33.1692

Details

The YIQ color **144.5910, 81.0180, -14.5500** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **98.4090, -81.0180, 14.5500**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **194.5300, 73.8200, -16.2600**, and **93.5820, 68.0420, -10.6620** is the 20% darker color. If you saturate the color by 10%, you get **136.9140, 90.2340, -16.3740**, and if you desaturate by 10%, it is **152.2680, 71.8020, -12.7260**.

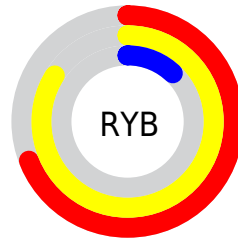
Distribution



Red (84%)

Green (52%)

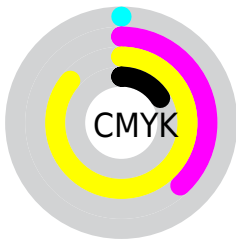
Blue (12%)



Red (69%)

Yellow (84%)

Blue (12%)

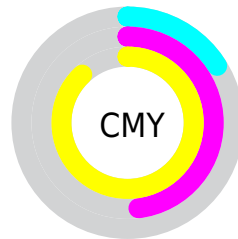


Cyan (0%)

Magenta (38%)

Yellow (86%)

Black (16%)



Cyan (16%)

Magenta (48%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.5910, 81.0180, -14.5500 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 144.5910, 81.0180, -14.5500 by changing the saturation by 10% instead.

■ 144.5910, 81.0180,
-14.5500

■ 144.5910, 81.0180,
-14.5500

■ 255.0000, -0.0000,
-0.0000

■ 117.2270, 79.0470,
-17.3770

■ 194.6440, 73.4990,
-15.9490

■ 93.5820, 68.0420,
-10.6620

■ 214.0440, 57.4530,
-22.5070

■ 71.4100, 57.0830,
-4.7810

■ 233.5580, 41.0860,
-28.7540

■ 49.2380, 46.1240,
1.1000

■ 244.9680, 28.2480,
-27.3680

■ 27.9520, 35.4860,
6.6700

■ 248.1600, 19.2600,
-18.6600

■ 12.5580, 25.0320,
8.9040

■ 251.3520, 10.2720,

■ 0.0000, 0.0000,

-9.9520

0.0000

254.7720, 0.6420,
-0.6220

■ 144.5910, 81.0180,
-14.5500

■ 144.5910, 81.0180,
-14.5500

■ 136.9140, 90.2340,
-16.3740

■ 152.2680, 71.8020,
-12.7260

■ 133.5400, 94.2230,
-17.0810

■ 160.6460, 61.9900,
-11.1140

■ 168.3230, 52.7740,
-9.2900

■ 176.5870, 43.2830,
-7.9890

■ 184.3780, 33.7460,
-5.8540

■ 192.6420, 24.2550,
-4.5530

■ 200.3190, 15.0390,
-2.7290

■ 208.1100, 5.5020,
-0.5940

■ 216.3740, -3.9890,
0.7070

Harmonies

Analogous

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



145.6680, 92.4280, 20.9720



144.5910, 81.0180, -14.5500



138.8470, 55.6690, -45.2510

Triad

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



144.5910, 81.0180, -14.5500



123.5240, -102.5570, -41.1570



154.5760, -8.6280, 46.2520

Complementary

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



144.5910, 81.0180, -14.5500



98.4090, -81.0180, 14.5500

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.



127.2640, -105.7750, 6.1690



144.5910, 81.0180, -14.5500



128.7340, -119.9830, -22.6950

Square

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



144.5910, 81.0180, -14.5500



114.6950, -81.8300, -58.8700



127.6860, -128.0550, -8.5590



151.4830, 49.0940, 57.4300

Rectangle

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



144.5910, 81.0180, -14.5500



136.5790, 18.2570, -50.0550



127.6860, -128.0550, -8.5590



151.9580, -33.4310, 38.7050

Sweetspot

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



144.5910, 81.0180, -14.5500



230.4530, 29.1610, -5.3590



94.0650, 82.7460, 64.2980



112.8740, 17.7900, -3.0260



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.



144.5910, 81.0180, -14.5500



159.5990, 112.9300, -20.2060



189.4470, 53.3790, -58.8210



102.8110, 4.9060, -0.8060



106.8940, 75.7910, -13.4330



26.9450, 19.0280, -3.4360

Inverse Universe

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



98.4090, -81.0180, 14.5500



95.4010, -112.9300, 20.2060



53.5530, -53.3790, 58.8210



100.1890, -4.9060, 0.8060



64.1060, -75.7910, 13.4330



16.0550, -19.0280, 3.4360

Previews

White Background



This preview shows how the YIQ color 144.5910, 81.0180, -14.5500 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 144.5910, 81.0180, -14.5500 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 144.5910, 81.0180, -14.5500

Background



This preview shows how black text looks on a background with the YIQ color 144.5910, 81.0180, -14.5500.



This preview shows how white text looks on a background with the YIQ color 144.5910, 81.0180,

-14.5500.

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

144.5910, 81.0180, -14.5500

Protanopia

143.4570, 48.5600, -32.0480

Deuteranopia

143.6720, 67.1280, -27.1440



Tritanopia

152.4310, 53.7310, 22.9390

Trichromacy



Original Color

144.5910, 81.0180, -14.5500

Protanomaly

143.9040, 60.6630, -25.6170

Deuteranomaly

144.0580, 72.0330, -22.4230

Tritanomaly

149.3760, 63.5910, 9.4390

Monochromacy



Original Color

144.5910, 81.0180, -14.5500

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.7520, 29.7570, -5.1470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.5910, 81.0180, -14.5500 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(213, 132, 30)` looks like.

```
.text, #text, p{  
    color:rgb(213, 132, 30)  
}
```

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(213, 132, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 132, 30) }
```

Border

The CSS property to change the border of an element to YIQ 144.5910, 81.0180, -14.5500 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(213, 132, 30) }
```


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

```
.border{ border-color:rgb(213, 132, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 132, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 132, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 132, 30);  
box-shadow:4px 4px 4px 4px rgb(213, 132,  
30) }
```

Background

The CSS property to change the background color of an element to YIQ 144.5910, 81.0180, -14.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 132, 30) }
```

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

```
.background{ background-color: rgb(213,  
132, 30) }
```

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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