

Converting Colors

YIQ(146.1440, 78.0830,
-10.9170)

Have a look what the booklet for
YIQ(146.1440, 78.0830, -10.9170)
contains.

YIQ(146.1440, 78.0830, -10.9170)	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(146.1440, 78.0830,
-10.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	D68429
RGB	214, 132, 41
RGB Percent	84%, 52%, 16%
CMY	0.1606, 0.4825, 0.8388
CMYK	0.00, 0.38, 0.81, 0.16
HSL	32°, 68%, 50%
HSV	32°, 81%, 84%
XYZ	36.3904, 30.9553, 6.1637
YIQ	146.1440, 78.0830, -10.9170

Conversions

Conversions Part 2

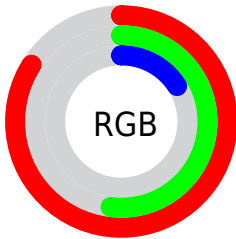
Format	Color
R _Y B	197, 214, 41
Decimal	14058537
CIE Lab	62.47, 24.83, 58.50
CIE LCh	62, 63.553, 66.998
Yxy	30.9553, 0.4950, 0.4211
Android (android.graphics.Color)	4292248617 (0xFFD68429)
YUV	146.1440, -51.8360, 59.5097
Hunter-Lab	55.6375, 19.3843, 32.3779

Details

The YIQ color **146.1440, 78.0830, -10.9170** 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 **108.8560, -78.0830, 10.9170**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.5560, 70.9310, -13.4610**, and **93.8810, 68.6380, -10.4500** is the 20% darker color. If you saturate the color by 10%, you get **137.8800, 87.5740, -12.2180**, and if you desaturate by 10%, it is **154.5220, 68.2710, -9.3050**.

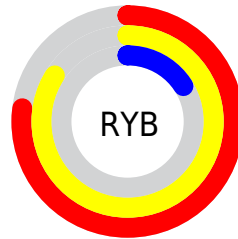
Distribution



Red (84%)

Green (52%)

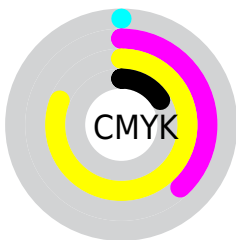
Blue (16%)



Red (77%)

Yellow (84%)

Blue (16%)

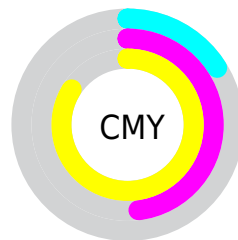


Cyan (0%)

Magenta (38%)

Yellow (81%)

Black (16%)



Cyan (16%)


Magenta (48%)

Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.1440, 78.0830, -10.9170 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 146.1440, 78.0830, -10.9170 by changing the saturation by 10% instead.


 146.1440, 78.0830,
-10.9170


 146.1440, 78.0830,
-10.9170


255.0000, -0.0000,
-0.0000


 118.7370, 77.6710,
-14.4650


 195.5560, 70.9310,
-13.4610


 94.1800, 69.2340,
-10.2380


 214.9560, 54.8850,
-20.0190


 71.1220, 57.9540,
-4.0460


 235.0570, 38.2430,
-26.7890

 49.5370, 46.7200,
1.3120

 245.8800, 25.6800,
-24.8800

 27.6640, 36.3570,
7.4050

 249.0720, 16.6920,
-16.1720

 12.8570, 25.6280,
9.1160

 252.3780, 7.3830,

 0.0000, 0.0000,

-7.1530

0.0000

■ 146.1440, 78.0830,
-10.9170

■ 146.1440, 78.0830,
-10.9170

■ 137.8800, 87.5740,
-12.2180

■ 154.5220, 68.2710,
-9.3050

■ 129.7300, 96.7440,
-13.2080

■ 162.7860, 58.7800,
-8.0040

■ 171.0500, 49.2890,
-6.7030

■ 180.0150, 39.2020,
-5.6140

■ 188.2790, 29.7110,
-4.3130

■ 196.6570, 19.8990,
-2.7010

■ 204.9210, 10.4080,
-1.4000

■ 213.1850, 0.9170,
-0.0990

■ 221.5630, -8.8950,
1.5130

Harmonies

Analogous

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



147.0420, 88.4390, 21.6790



146.1440, 78.0830, -10.9170



141.9100, 51.3580, -38.7060

Triad

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



146.1440, 78.0830, -10.9170



123.0680, -101.2730, -42.4010



154.7280, -12.1120, 43.3120

Complementary

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



146.1440, 78.0830, -10.9170



108.8560, -78.0830, 10.9170

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.



128.7480, -104.2620, 6.2820



146.1440, 78.0830, -10.9170



128.1640, -118.3780, -24.2500

Square

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



146.1440, 78.0830, -10.9170



114.6950, -81.8300, -58.8700



128.2730, -128.3300, -9.0820



153.0370, 44.4180, 54.0660

Rectangle

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



146.1440, 78.0830, -10.9170



138.5840, 19.8610, -46.0830



128.2730, -128.3300, -9.0820



152.1810, -35.6770, 35.3550

Sweetspot

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



146.1440, 78.0830, -10.9170



231.0230, 27.5560, -3.8040



102.3030, 76.1440, 62.8000



113.2160, 16.8270, -2.0930



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.



146.1440, 78.0830, -10.9170



158.1630, 111.4620, -15.6260



193.3810, 53.7450, -54.4390



102.8110, 4.9060, -0.8060



103.9590, 77.1660, -10.8180



26.3580, 19.3030, -2.9130

Inverse Universe

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



108.8560, -78.0830, 10.9170



104.8370, -111.4620, 15.6260



61.6190, -53.7450, 54.4390



100.1890, -4.9060, 0.8060



67.0410, -77.1660, 10.8180



17.2290, -19.5780, 2.3900

Previews

White Background



This preview shows how the YIQ color 146.1440, 78.0830, -10.9170 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 146.1440, 78.0830, -10.9170 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 146.1440, 78.0830, -10.9170

Background



This preview shows how black text looks on a background with the YIQ color 146.1440, 78.0830, -10.9170.



This preview shows how white text looks on a background with the YIQ color 146.1440, 78.0830, -10.9170.

-10.9170.

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

146.1440, 78.0830, -10.9170

Protanopia

145.2980, 44.7540, -29.1500

Deuteranopia

145.7410, 62.6800, -23.6240



Tritanopia

152.7300, 54.3270, 23.1510

Trichromacy



Original Color

146.1440, 78.0830, -10.9170

Protanomaly

145.7450, 56.8570, -22.7190

Deuteranomaly

146.0130, 67.9060, -19.2140

Tritanomaly

150.1310, 62.9030, 10.8950

Monochromacy



Original Color

146.1440, 78.0830, -10.9170

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.2080, 28.4730, -3.9030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.1440, 78.0830, -10.9170 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(214, 132, 41)` looks like.

```
.text, #text, p{  
    color:rgb(214, 132, 41)  
}
```

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(214, 132, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 132, 41) }
```

Border

The CSS property to change the border of an element to YIQ 146.1440, 78.0830, -10.9170 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(214, 132, 41) }
```


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

```
.border{ border-color:rgb(214, 132, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 132, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 132, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 132, 41);  
box-shadow:4px 4px 4px 4px rgb(214, 132,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 146.1440, 78.0830, -10.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 132, 41) }
```

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

```
.background{ background-color: rgb(214,  
132, 41) }
```

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