

Converting Colors

YIQ(147.9180, 76.3840, 3.3600)

Have a look what the booklet for
YIQ(147.9180, 76.3840, 3.3600)
contains.

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Color

**YIQ(147.9180, 76.3840,
3.3600)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DF7D45 |
| RGB | 223, 125, 69 |
| RGB Percent | 87%, 49%, 27% |
| CMY | 0.1253, 0.5099, 0.7291 |
| CMYK | 0.00, 0.44, 0.69, 0.13 |
| HSL | 22°, 71%, 57% |
| HSV | 22°, 69%, 87% |
| XYZ | 38.8523, 30.7835, 9.5387 |
| YIQ | 147.9180, 76.3840, 3.3600 |

Conversions

Conversions Part 2

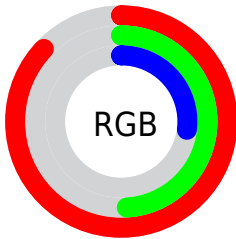
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 223, 157, 69 |
| Decimal | 14646597 |
| CIE Lab | 62.32, 33.47, 46.22 |
| CIE LCh | 62, 57.063, 54.087 |
| Yxy | 30.7835, 0.4907, 0.3888 |
| Android (android.graphics.Color) | 4292836677 (0xFFDF7D45) |
| YUV | 147.9180, -38.9066, 65.8469 |
| Hunter-Lab | 55.4829, 27.9008, 28.6448 |

Details

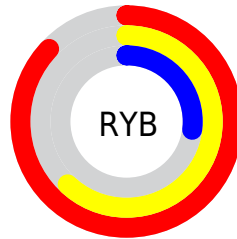
The YIQ color **147.9180, 76.3840, 3.3600** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **144.0820, -76.3840, -3.3600**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **194.8840, 64.5560, -2.5480**, and **94.1560, 69.7820, 1.8620** is the 20% darker color. If you saturate the color by 10%, you get **137.1920, 87.2960, 3.8400**, and if you desaturate by 10%, it is **158.6440, 65.4720, 2.8800**.

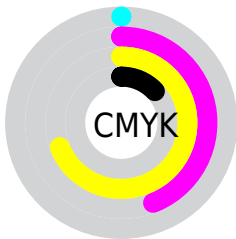
Distribution



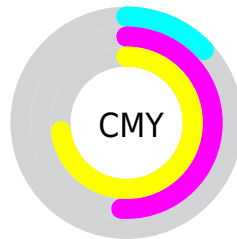
- Red (87%)
- Green (49%)
- Blue (27%)



- Red (87%)
- Yellow (62%)
- Blue (27%)



- Cyan (0%)
- Magenta (44%)
- Yellow (69%)
- Black (13%)





- Cyan (13%)
- Magenta (51%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.9180, 76.3840, 3.3600 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 147.9180, 76.3840, 3.3600 by changing the saturation by 10% instead.


 147.9180, 76.3840,
3.3600


 147.9180, 76.3840,
3.3600


255.0000, -0.0000,
-0.0000


 120.9500, 73.3580,
3.1340


 194.8840, 64.5560,
-2.5480

 94.1560, 69.7820,
1.8620


 213.8110, 48.4640,
-8.2720


 69.1170, 65.5180,
2.0460


 233.9120, 31.8220,
-15.0420

 45.7710, 55.1090,
8.9730

 248.7300, 17.6550,
-17.1050

 22.4250, 44.7000,
15.9000

 252.0360, 8.3460,
-8.0860

 14.6510, 29.2040,
10.3880

 0.2990, 0.5960,

0.2120

■ 0.0000, 0.0000,
0.0000

■ 147.9180, 76.3840,
3.3600

■ 147.9180, 76.3840,
3.3600

■ 137.1920, 87.2960,
3.8400

■ 158.6440, 65.4720,
2.8800

■ 126.3520, 98.5290,
4.0090

■ 169.4840, 54.2390,
2.7110

■ 115.0390,
109.7160, 5.0120

■ 180.7970, 43.0520,
1.7080

■ 114.2240,
110.6330, 4.9130

■ 191.5230, 32.1400,
1.2280

■ 202.3630, 20.9070,
1.0590

■ 213.0890, 9.9950,
0.5790

■ 223.8150, -0.9170,
0.0990

■ 235.2420,
-12.4250, -0.5930

■ 244.2580,
-18.5220, -5.7380

Harmonies

Analogous

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



148.5220, 78.5800, 29.6520



147.9180, 76.3840, 3.3600



145.5170, 57.4990, -23.3410

Triad

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



147.9180, 76.3840, 3.3600



118.5710, -92.7440, -48.2960



150.5350, -36.9140, 30.2380

Complementary

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



147.9180, 76.3840, 3.3600



144.0820, -76.3840, -3.3600

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.



121.9470, -124.2960, -5.0960



147.9180, 76.3840, 3.3600



124.4990, -109.4360, -32.1240

Square

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



147.9180, 76.3840, 3.3600



131.3500, -32.0860, -46.2780



126.2380, -121.2220, -16.7580



155.1910, 20.2570, 45.8970

Rectangle

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



147.9180, 76.3840, 3.3600



142.8190, 35.6770, -35.3550



126.2380, -121.2220, -16.7580



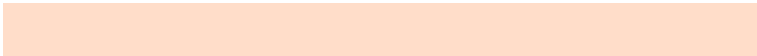
145.1620, -61.0290, 21.2350

Sweetspot

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



147.9180, 76.3840, 3.3600



228.8860, 26.6840, 0.9880



126.4460, 59.6840, 63.7480



112.0250, 16.0470, 1.0310



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.



147.9180, 76.3840, 3.3600



151.5870, 105.1770, 4.6730



191.9430, 55.7590, -35.8650



106.6370, 5.4560, 0.2400



90.1920, 87.2960, 3.8400



24.9180, 23.6580, 0.7620

Inverse Universe

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



144.0820, -76.3840, -3.3600



146.4130, -105.1770, -4.6730



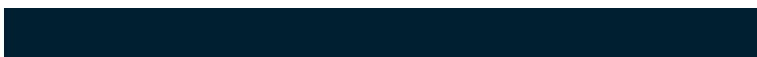
100.0570, -55.7590, 35.8650



106.3630, -5.4560, -0.2400



85.8080, -87.2960, -3.8400



23.6690, -23.9330, -1.2850

Previews

White Background



This preview shows how the YIQ color 147.9180, 76.3840, 3.3600 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 147.9180, 76.3840, 3.3600 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 147.9180, 76.3840, 3.3600

Background



This preview shows how black text looks on a background with the YIQ color 147.9180, 76.3840, 3.3600.



This preview shows how white text looks on a background with the YIQ color 147.9180, 76.3840,

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

147.9180, 76.3840, 3.3600

Protanopia

147.3480, 33.2900, -19.6220

Deuteranopia

147.8510, 50.9870, -15.4530



Tritanopia

151.3180, 61.4790, 25.6950

Trichromacy



Original Color

147.9180, 76.3840, 3.3600

Protanomaly

147.7030, 48.6480, -11.6080

Deuteranomaly

147.7430, 60.3390, -8.7250

Tritanomaly

150.3860, 66.7990, 17.3830

Monochromacy



Original Color

147.9180, 76.3840, 3.3600

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.0710, 27.6010, 0.8890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.9180, 76.3840, 3.3600 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(223, 125, 69)` looks like.

```
.text, #text, p{  
    color:rgb(223, 125, 69)  
}
```

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(223, 125, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 125, 69) }
```

Border

The CSS property to change the border of an element to YIQ 147.9180, 76.3840, 3.3600 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(223, 125, 69) }
```


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

```
.border{ border-color:rgb(223, 125, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 125, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 125, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 125, 69);  
box-shadow:4px 4px 4px 4px rgb(223, 125,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 147.9180, 76.3840, 3.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 125, 69) }
```

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

```
.background{ background-color: rgb(223,  
125, 69) }
```

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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