

Converting Colors

YIQ(136.7160, 100.5000, 6.8360)

Have a look what the booklet for
YIQ(136.7160, 100.5000, 6.8360)
contains.

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Color

**YIQ(136.7160, 100.5000,
6.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	ED6925
RGB	237, 105, 37
RGB Percent	93%, 41%, 15%
CMY	0.0703, 0.5884, 0.8544
CMYK	0.00, 0.56, 0.84, 0.07
HSL	20°, 85%, 54%
HSV	20°, 84%, 93%
XYZ	40.3298, 28.2426, 5.0855
YIQ	136.7160, 100.5000, 6.8360

Conversions

Conversions Part 2

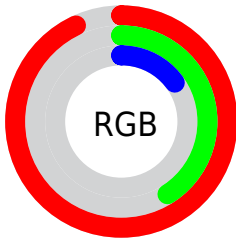
Format	Color
R_{YB}	237, 140, 37
Decimal	15558949
CIE _{Lab}	60.11, 47.67, 59.19
CIE _{LCh}	60, 76.004, 51.153
Yxy	28.2426, 0.5475, 0.3834
Android (android.graphics.Color)	4293749029 (0xFFED6925)
YUV	136.7160, -49.1600, 87.9491
Hunter-Lab	53.1437, 42.4590, 31.5270

Details

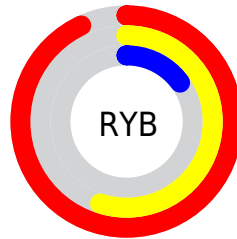
The YIQ color **136.7160, 100.5000, 6.8360** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **137.2840, -100.5000, -6.8360**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7240, 79.6860, -1.4180**, and **82.2510, 88.8080, 9.4800** is the 20% darker color. If you saturate the color by 10%, you get **124.5880, 112.6040, 7.7400**, and if you desaturate by 10%, it is **148.8440, 88.3960, 5.9320**.

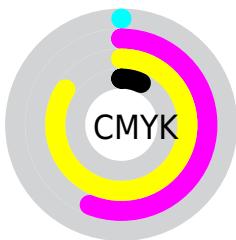
Distribution



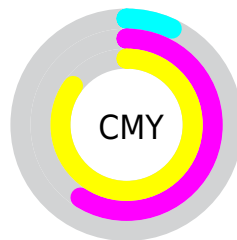
- Red (93%)
- Green (41%)
- Blue (15%)



- Red (93%)
- Yellow (55%)
- Blue (15%)



- Cyan (0%)
- Magenta (56%)
- Yellow (84%)
- Black (7%)





- Cyan (7%)
- Magenta (59%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.7160, 100.5000, 6.8360 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 136.7160, 100.5000, 6.8360 by changing the saturation by 10% instead.


 136.7160,
100.5000, 6.8360


 136.7160,
100.5000, 6.8360


255.0000, -0.0000,
-0.0000


 107.6510, 99.1250,
4.2210


 179.7240, 79.6860,
-1.4180


 82.2510, 88.8080,
9.4800


 199.1240, 63.6400,
-7.9760


 54.7850, 78.8570,
19.1210


 219.1110, 47.3190,
-15.0570

 33.4880, 66.7520,
23.7440

 239.3260, 30.3560,
-21.5160

 24.5180, 48.8720,
17.3840

 248.3880, 18.6180,
-18.0380

 16.9720, 32.7340,
12.4940

 251.5800, 9.6300,

 3.8870, 7.7480,

-9.3300

2.7560

254.8860, 0.3210,
-0.3110

■ 0.0000, 0.0000,
0.0000

■ 136.7160,
100.5000, 6.8360

■ 136.7160,
100.5000, 6.8360

■ 124.5880,
112.6040, 7.7400

■ 148.8440, 88.3960,
5.9320

■ 117.8230,
119.2520, 8.4040

■ 160.3850, 76.5670,
5.5510

■ 172.3990, 64.7840,
4.3360

■ 184.5270, 52.6800,
3.4320

■ 196.0680, 40.8510,
3.0510

■ 208.0820, 29.0680,
1.8360

■ 220.2100, 16.9640,
0.9320

■ 231.7510, 5.1350,
0.5510

■ 243.7650, -6.6480,
-0.6640

Harmonies

Analogous

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



131.1970, 99.2090, 46.7690



136.7160, 100.5000, 6.8360



136.3540, 76.7110, -30.1130

Triad

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



136.7160, 100.5000, 6.8360



115.4590, -86.7370, -52.5370



137.0080, -63.2310, 28.1050

Complementary

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



136.7160, 100.5000, 6.8360



137.2840, -100.5000, -6.8360

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.



122.4030, -125.5800, -3.8520



136.7160, 100.5000, 6.8360



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.



136.7160, 100.5000, 6.8360



109.3280, -53.3560, -68.3000



128.7630, -126.9540, -11.9940



147.9760, 20.0250, 61.1210

Rectangle

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



136.7160, 100.5000, 6.8360



133.1990, 48.7460, -46.4380



128.7630, -126.9540, -11.9940



114.1850, -121.7300, 3.4700

Sweetspot

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



136.7160, 100.5000, 6.8360



223.0500, 32.0940, 2.0620



111.9620, 76.5070, 83.7630



108.2920, 19.6690, 1.4690



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.



136.7160, 100.5000, 6.8360



127.3140, 128.0550, 8.5590



194.8290, 73.2750, -44.9410



111.6370, 5.4560, 0.2400



89.9260, 91.1010, 6.4690



26.7120, 27.2340, 2.0340

Inverse Universe

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



137.2840, -100.5000, -6.8360



127.6860, -128.0550, -8.5590



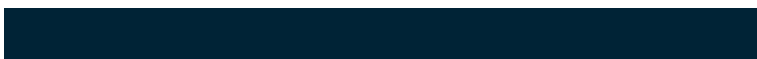
79.1710, -73.2750, 44.9410



111.3630, -5.4560, -0.2400



91.0740, -91.1010, -6.4690



26.7010, -26.9590, -1.5110

Previews

White Background



This preview shows how the YIQ color 136.7160, 100.5000, 6.8360 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 136.7160, 100.5000, 6.8360 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 136.7160, 100.5000, 6.8360

Background



This preview shows how black text looks on a background with the YIQ color 136.7160, 100.5000, 6.8360.



This preview shows how white text looks on a background with the YIQ color 136.7160, 100.5000,

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

136.7160, 100.5000, 6.8360

Protanopia

139.7970, 41.9110, -27.1850

Deuteranopia

138.1170, 64.3770, -26.8470



Tritanopia

141.2560, 82.3850, 32.2810

Trichromacy



Original Color

136.7160, 100.5000, 6.8360

Protanomaly

138.6090, 63.4120, -14.8600

Deuteranomaly

137.7370, 77.6710, -14.4650

Tritanomaly

139.8680, 88.9890, 22.7250

Monochromacy



Original Color

136.7160, 100.5000, 6.8360

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.6160, 36.3120, 2.7120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7160, 100.5000, 6.8360 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(237, 105, 37)` looks like.

```
.text, #text, p{  
    color:rgb(237, 105, 37)  
}
```

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(237, 105, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 105, 37) }
```

Border

The CSS property to change the border of an element to YIQ 136.7160, 100.5000, 6.8360 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(237, 105, 37) }
```


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

```
.border{ border-color:rgb(237, 105, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 105, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 105, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 105, 37);  
box-shadow:4px 4px 4px 4px rgb(237, 105,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7160, 100.5000, 6.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 105, 37) }
```

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

```
.background{ background-color: rgb(237,  
105, 37) }
```

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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