

Converting Colors

YIQ(145.6360, 86.2860, 11.1340)

Have a look what the booklet for
YIQ(145.6360, 86.2860, 11.1340)
contains.

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Color

**YIQ(145.6360, 86.2860,
11.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	EB7345
RGB	235, 115, 69
RGB Percent	92%, 45%, 27%
CMY	0.0782, 0.5492, 0.7290
CMYK	0.00, 0.51, 0.71, 0.08
HSL	17°, 81%, 60%
HSV	17°, 71%, 92%
XYZ	41.4847, 30.3541, 9.3184
YIQ	145.6360, 86.2860, 11.1340

Conversions

Conversions Part 2

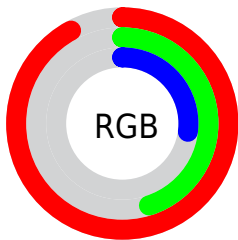
Format	Color
R _Y B	235, 133, 69
Decimal	15430469
CIE Lab	61.96, 43.25, 46.27
CIE LCh	62, 63.337, 46.938
Yxy	30.3541, 0.5112, 0.3740
Android (android.graphics.Color)	4293620549 (0xFFEB7345)
YUV	145.6360, -37.7815, 78.3722
Hunter-Lab	55.0946, 37.9902, 28.5382

Details

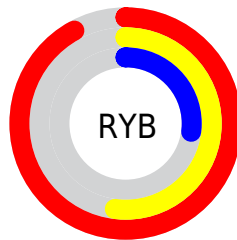
The YIQ color **145.6360, 86.2860, 11.1340** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **158.3640, -86.2860, -11.1340**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.0140, 67.3060, 2.6820**, and **91.1020, 79.0420, 10.2580** is the 20% darker color. If you saturate the color by 10%, you get **133.0350, 98.3440, 12.8720**, and if you desaturate by 10%, it is **158.3510, 73.9070, 9.7070**.

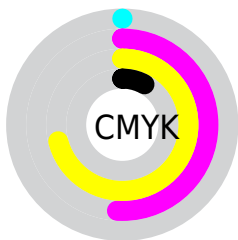
Distribution



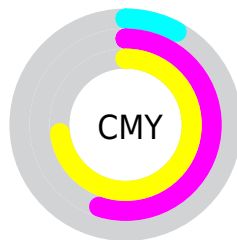
- Red (92%)
- Green (45%)
- Blue (27%)



- Red (92%)
- Yellow (52%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (71%)
- Black (8%)



- Cyan (8%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.6360, 86.2860, 11.1340 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 145.6360, 86.2860, 11.1340 by changing the saturation by 10% instead.

145.6360, 86.2860,
11.1340

145.6360, 86.2860,
11.1340

255.0000, -0.0000,
-0.0000

118.3690, 82.6640,
10.6960

189.0140, 67.3060,
2.6820

91.1020, 79.0420,
10.2580

208.4140, 51.2600,
-3.8760

63.8890, 75.3280,
11.4880

228.5150, 34.6180,
-10.6460

34.9610, 66.7980,
22.9100

248.7300, 17.6550,
-17.1050

24.8170, 49.4680,
17.5960

251.9220, 8.6670,
-8.3970

16.8580, 33.0550,
12.1830

5.9800, 11.9200,

4.2400

■ 0.0000, 0.0000,
0.0000

■ 145.6360, 86.2860,
11.1340

■ 145.6360, 86.2860,
11.1340

■ 133.0350, 98.3440,
12.8720

■ 158.3510, 73.9070,
9.7070

■ 120.3200,
110.7230, 14.2990


■ 170.9520, 61.8490,
7.9690


■ 108.4200,
122.1850, 15.8250


■ 183.6670, 49.4700,
6.5420


■ 196.2680, 37.4120,
4.8040

■ 208.9830, 25.0330,
3.3770

 221.5840, 12.9750,
1.6390

 234.2990, 0.5960,
0.2120

 246.6720,
-10.8200, -2.1480

 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



145.6680, 84.4010, 39.8010



145.6360, 86.2860, 11.1340



143.4000, 71.0700, -21.4900

Triad

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



145.6360, 86.2860, 11.1340



116.6330, -87.2870, -53.5830



144.0850, -62.1300, 24.6700

Complementary

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



145.6360, 86.2860, 11.1340



158.3640, -86.2860, -11.1340

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.



124.7510, -126.6800, -5.9440



145.6360, 86.2860, 11.1340



123.9460, -106.5010, -35.7570

Square

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



145.6360, 86.2860, 11.1340



131.1740, -20.0270, -50.0670



127.8850, -121.7260, -18.6380



153.7260, 8.5650, 48.5410

Rectangle

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



145.6360, 86.2860, 11.1340



140.2090, 51.9540, -38.4940



127.8850, -121.7260, -18.6380



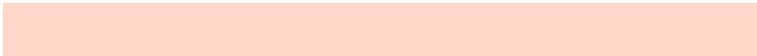
126.9650, -106.3710, 5.9570

Sweetspot

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



145.6360, 86.2860, 11.1340



225.9510, 28.0590, 3.6030



132.5420, 59.7740, 73.1340



110.2640, 16.8720, 2.6000



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.



145.6360, 86.2860, 11.1340



138.1030, 112.8320, 14.6240



193.1830, 64.0110, -31.2290



111.0500, 5.7310, 0.7630



83.4690, 94.1260, 12.2220



24.9510, 28.0590, 3.6030

Inverse Universe

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



158.3640, -86.2860, -11.1340



154.8970, -112.8320, -14.6240



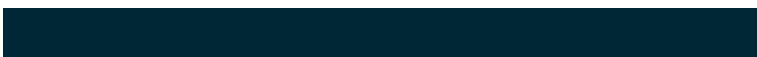
110.8170, -64.0110, 31.2290



111.9500, -5.7310, -0.7630



97.5310, -94.1260, -12.2220



29.0490, -28.0590, -3.6030

Previews

White Background



This preview shows how the YIQ color 145.6360, 86.2860, 11.1340 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 145.6360, 86.2860, 11.1340 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 145.6360, 86.2860, 11.1340

Background



This preview shows how black text looks on a background with the YIQ color 145.6360, 86.2860, 11.1340.



This preview shows how white text looks on a background with the YIQ color 145.6360, 86.2860,

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

145.6360, 86.2860, 11.1340

Protanopia

146.5050, 31.4100, -18.5900

Deuteranopia

146.7370, 51.3080, -15.7640



Tritanopia

148.1840, 73.7200, 29.6240

Trichromacy



Original Color

145.6360, 86.2860, 11.1340

Protanomaly

145.8930, 51.1690, -7.7350

Deuteranomaly

146.4770, 64.1440, -6.0960

Tritanomaly

147.1210, 78.0310, 23.0790

Monochromacy



Original Color

145.6360, 86.2860, 11.1340

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9190, 31.0850, 3.8290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.6360, 86.2860, 11.1340 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(235, 115, 69)` looks like.

```
.text, #text, p{  
    color:rgb(235, 115, 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(235, 115, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 115, 69) }
```

Border

The CSS property to change the border of an element to YIQ 145.6360, 86.2860, 11.1340 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(235, 115, 69) }
```


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

```
.border{ border-color:rgb(235, 115, 69) }
```

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

Here you see how a box with a 4 pixel rgb(235, 115, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 115, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 115, 69);  
box-shadow:4px 4px 4px 4px rgb(235, 115,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 145.6360, 86.2860, 11.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 115, 69) }
```

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

```
.background{ background-color: rgb(235,  
115, 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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