

Converting Colors

YIQ(144.2830, 85.7820, 9.2540)

Have a look what the booklet for
YIQ(144.2830, 85.7820, 9.2540)
contains.

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Color

**YIQ(144.2830, 85.7820,
9.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	E87341
RGB	232, 115, 65
RGB Percent	91%, 45%, 25%
CMY	0.0900, 0.5492, 0.7447
CMYK	0.00, 0.50, 0.72, 0.09
HSL	18°, 78%, 58%
HSV	18°, 72%, 91%
XYZ	40.3812, 29.7994, 8.6393
YIQ	144.2830, 85.7820, 9.2540

Conversions

Conversions Part 2

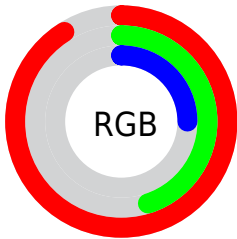
Format	Color
R_{YB}	232, 136, 65
Decimal	15233857
CIE _{Lab}	61.48, 41.91, 47.65
CIE _{LCh}	61, 63.457, 48.663
Yxy	29.7994, 0.5123, 0.3781
Android (android.graphics.Color)	4293423937 (0xFFE87341)
YUV	144.2830, -39.0865, 76.9278
Hunter-Lab	54.5888, 36.5123, 28.8289

Details

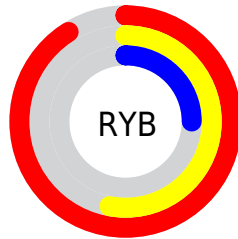
The YIQ color **144.2830, 85.7820, 9.2540** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **152.7170, -85.7820, -9.2540**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **188.5580, 68.5900, 1.4380**, and **89.6350, 78.8590, 8.0670** is the 20% darker color. If you saturate the color by 10%, you get **132.2690, 97.5650, 10.4690**, and if you desaturate by 10%, it is **156.2970, 73.9990, 8.0390**.

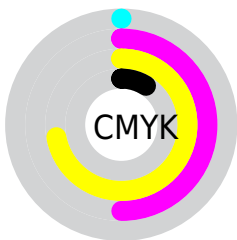
Distribution



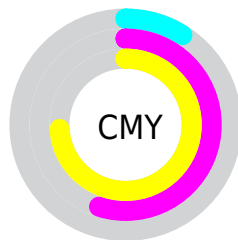
- Red (91%)
- Green (45%)
- Blue (25%)



- Red (91%)
- Yellow (53%)
- Blue (25%)



- Cyan (0%)
- Magenta (50%)
- Yellow (72%)
- Black (9%)





- Cyan (9%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 144.2830, 85.7820, 9.2540 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 144.2830, 85.7820, 9.2540 by changing the saturation by 10% instead.


 144.2830, 85.7820,
9.2540


 144.2830, 85.7820,
9.2540


255.0000, -0.0000,
-0.0000


 117.0160, 82.1600,
8.8160


 188.5580, 68.5900,
1.4380


 89.6350, 78.8590,
8.0670


 207.9580, 52.5440,
-5.1200

 63.5790, 73.2650,
10.3290


 227.4720, 36.1770,
-11.3670

 35.2380, 64.4600,
21.2280

 247.6870, 19.2140,
-17.8260

 23.9200, 47.6800,
16.9600

 251.4660, 9.9510,
-9.6410

 16.2600, 31.8630,
11.7590

254.7720, 0.6420,

 3.8870, 7.7480,

-0.6220

2.7560

■ 0.0000, 0.0000,
0.0000

■ 144.2830, 85.7820,
9.2540

■ 144.2830, 85.7820,
9.2540

■ 132.2690, 97.5650,
10.4690

■ 156.2970, 73.9990,
8.0390

■ 119.6680,
109.6230, 12.2070


■ 169.0120, 61.6200,
6.6120


■ 109.8710,
119.2970, 13.0970


■ 181.0260, 49.8370,
5.3970


■ 193.0400, 38.0540,
4.1820

■ 205.0540, 26.2710,
2.9670

 217.6550, 14.2130,
1.2290

 229.7830, 2.1090,
0.3250

 241.7970, -9.6740,
-0.8900

 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



144.0270, 84.7680, 38.6560



144.2830, 85.7820, 9.2540



141.7480, 69.9700, -23.5820

Triad

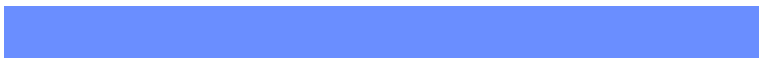
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



144.2830, 85.7820, 9.2540



116.2740, -87.6540, -52.4380



144.1180, -57.7290, 27.5110

Complementary

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



144.2830, 85.7820, 9.2540



152.7170, -85.7820, -9.2540

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.



123.5770, -126.1300, -4.8980



144.2830, 85.7820, 9.2540



123.5870, -106.8680, -34.6120

Square

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



144.2830, 85.7820, 9.2540



128.6080, -24.2450, -50.7170



126.8250, -121.4970, -17.2810



152.9930, 12.1870, 48.9790

Rectangle

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



144.2830, 85.7820, 9.2540



138.7850, 50.2120, -39.9640



126.8250, -121.4970, -17.2810



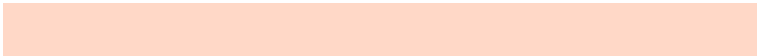
130.8740, -95.6890, 10.6070

Sweetspot

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



144.2830, 85.7820, 9.2540



225.7230, 28.7010, 2.9810



128.6130, 61.0120, 72.7240



110.0360, 17.5140, 1.9780



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.



144.2830, 85.7820, 9.2540



139.6360, 112.6490, 12.4330



191.8300, 63.5070, -33.1090



111.0500, 5.7310, 0.7630



85.8170, 93.0260, 10.1300



25.5380, 27.7840, 3.0800

Inverse Universe

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



152.7170, -85.7820, -9.2540



151.3640, -112.6490, -12.4330



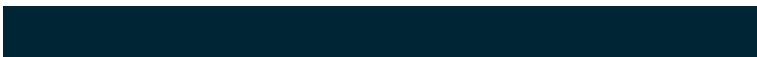
105.1700, -63.5070, 33.1090



111.9500, -5.7310, -0.7630



95.1830, -93.0260, -10.1300



28.4620, -27.7840, -3.0800

Previews

White Background



This preview shows how the YIQ color 144.2830, 85.7820, 9.2540 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 144.2830, 85.7820, 9.2540 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 144.2830, 85.7820, 9.2540

Background



This preview shows how black text looks on a background with the YIQ color 144.2830, 85.7820, 9.2540.



This preview shows how white text looks on a background with the YIQ color 144.2830, 85.7820,

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

144.2830, 85.7820, 9.2540

Protanopia

145.1630, 32.3730, -19.5230

Deuteranopia

145.3950, 52.2710, -16.6970



Tritanopia

147.4720, 72.8490, 28.8890

Trichromacy



Original Color

144.2830, 85.7820, 9.2540

Protanomaly

145.1380, 51.8570, -9.1910

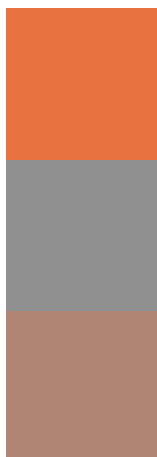
Deuteranomaly

144.8360, 64.5110, -7.2410

Tritanomaly

146.1810, 77.8020, 21.7220

Monochromacy



Original Color

144.2830, 85.7820, 9.2540

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

143.8050, 31.4060, 3.5180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.2830, 85.7820, 9.2540 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(232, 115, 65)` looks like.

```
.text, #text, p{  
    color:rgb(232, 115, 65)  
}
```

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(232, 115, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 115, 65) }
```

Border

The CSS property to change the border of an element to YIQ 144.2830, 85.7820, 9.2540 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(232, 115, 65) }
```


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

```
.border{ border-color:rgb(232, 115, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 115, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 115, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 115, 65);  
box-shadow:4px 4px 4px 4px rgb(232, 115,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 144.2830, 85.7820, 9.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 115, 65) }
```

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

```
.background{ background-color: rgb(232,  
115, 65) }
```

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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