

Converting Colors

YIQ(142.2280, 86.4740,
-14.3100)

Have a look what the booklet for
YIQ(142.2280, 86.4740, -14.3100)
contains.

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Color

**YIQ(142.2280, 86.4740,
-14.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	D88016
RGB	216, 128, 22
RGB Percent	85%, 50%, 9%
CMY	0.1528, 0.4982, 0.9133
CMYK	0.00, 0.41, 0.90, 0.15
HSL	33°, 81%, 47%
HSV	33°, 90%, 85%
XYZ	36.1899, 30.0915, 4.6654
YIQ	142.2280, 86.4740, -14.3100

Conversions

Conversions Part 2

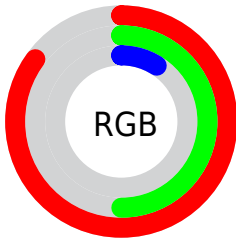
Format	Color
RYB	183, 216, 22
Decimal	14188566
CIELab	61.73, 27.34, 64.04
CIELCh	62, 69.630, 66.879
Yxy	30.0915, 0.5101, 0.4241
Android (android.graphics.Color)	4292378646 (0xFFD88016)
YUV	142.2280, -59.2724, 64.6980
Hunter-Lab	54.8557, 21.7642, 33.3565

Details

The YIQ color **142.2280, 86.4740, -14.3100** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **95.7720, -86.4740, 14.3100**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6120, 76.5250, -15.7230**, and **92.1310, 70.9300, -7.9340** is the 20% darker color. If you saturate the color by 10%, you get **133.9640, 95.9650, -15.6110**, and if you desaturate by 10%, it is **150.6060, 76.6620, -12.6980**.

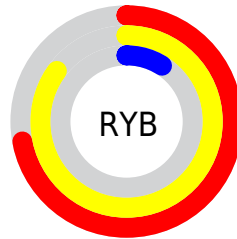
Distribution



Red (85%)

Green (50%)

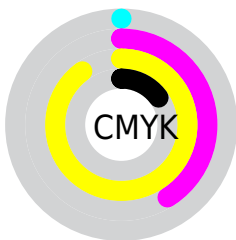
Blue (9%)



Red (72%)

Yellow (85%)

Blue (9%)

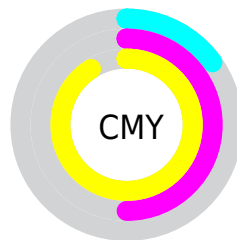


Cyan (0%)

Magenta (41%)

Yellow (90%)

Black (15%)



Cyan (15%)


Magenta (50%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.2280, 86.4740, -14.3100 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 142.2280, 86.4740, -14.3100 by changing the saturation by 10% instead.


 142.2280, 86.4740,
-14.3100


 142.2280, 86.4740,
-14.3100


255.0000, -0.0000,
-0.0000


 115.7760, 81.9350,
-14.6490


 191.6120, 76.5250,
-15.7230


 92.1310, 70.9300,
-7.9340


 211.1260, 60.1580,
-21.9700


 69.0730, 59.6500,
-1.7420


 230.6400, 43.7910,
-28.2170

 46.9010, 48.6910,
4.1390

 244.2840, 30.1740,
-29.2340

 25.0280, 38.3280,
10.2320

 247.4760, 21.1860,
-20.5260

 12.8570, 25.6280,
9.1160

 250.7820, 11.8770,

 0.0000, 0.0000,

-11.5070

0.0000

254.0880, 2.5680,
-2.4880

142.2280, 86.4740,
-14.3100

142.2280, 86.4740,
-14.3100

133.9640, 95.9650,
-15.6110

150.6060, 76.6620,
-12.6980

133.8500, 96.2860,
-15.9220

158.8700, 67.1710,
-11.3970

166.6610, 57.6340,
-9.2620

175.0390, 47.8220,
-7.6500

183.3030, 38.3310,
-6.3490

■ 191.6810, 28.5190,
-4.7370

■ 199.9450, 19.0280,
-3.4360

■ 207.7360, 9.4910,
-1.3010

■ 216.1140, -0.3210,
0.3110

Harmonies

Analogous

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



142.9290, 96.1870, 24.4350



142.2280, 86.4740, -14.3100



137.9720, 56.8150, -43.9930

Triad

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



142.2280, 86.4740, -14.3100



122.3670, -100.6770, -42.1890



152.5800, -14.4510, 47.1570

Complementary

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



142.2280, 86.4740, -14.3100



95.7720, -86.4740, 14.3100

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.



118.2940, -123.6550, -0.1910



142.2280, 86.4740, -14.3100



128.6200, -119.6620, -23.0060

Square

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



142.2280, 86.4740, -14.3100



113.3100, -79.3080, -60.5240



127.6860, -128.0550, -8.5590



149.2920, 48.3140, 60.5540

Rectangle

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



142.2280, 86.4740, -14.3100



133.6520, 25.1810, -54.3950



127.6860, -128.0550, -8.5590



148.9680, -39.3910, 36.5850

Sweetspot

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



142.2280, 86.4740, -14.3100



228.9370, 30.6740, -5.2460



90.3800, 86.4130, 69.4290



112.1730, 18.3860, -2.8140



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.



142.2280, 86.4740, -14.3100



157.8380, 113.7550, -18.6370



192.0900, 58.6980, -61.6060



102.8110, 4.9060, -0.8060



105.7200, 76.3410, -12.3870



26.9450, 19.0280, -3.4360

Inverse Universe

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



95.7720, -86.4740, 14.3100



97.1620, -113.7550, 18.6370



46.2090, -58.1020, 61.8180



100.1890, -4.9060, 0.8060



65.2800, -76.3410, 12.3870



16.6420, -19.3030, 2.9130

Previews

White Background



This preview shows how the YIQ color 142.2280, 86.4740, -14.3100 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 142.2280, 86.4740, -14.3100 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 142.2280, 86.4740, -14.3100

Background



This preview shows how black text looks on a background with the YIQ color 142.2280, 86.4740, -14.3100.



This preview shows how white text looks on a background with the YIQ color 142.2280, 86.4740, -14.3100.

-14.3100.

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

142.2280, 86.4740, -14.3100

Protanopia

141.4740, 49.8900, -34.1260

Deuteranopia

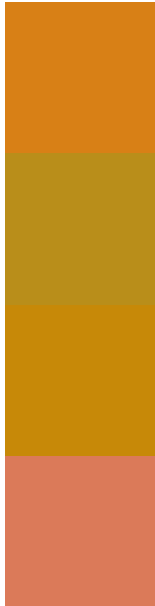
139.8650, 73.5940, -34.1980



Tritanopia

150.5240, 57.9030, 24.4230

Trichromacy



Original Color

142.2280, 86.4740, -14.3100

Protanomaly

141.6330, 62.8640, -26.9600

Deuteranomaly

140.8320, 78.3610, -26.9750

Tritanomaly

147.2410, 68.4050, 10.3010

Monochromacy



Original Color

142.2280, 86.4740, -14.3100

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.1220, 31.5910, -5.3450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.2280, 86.4740, -14.3100 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(216, 128, 22)` looks like.

```
.text, #text, p{  
    color:rgb(216, 128, 22)  
}
```

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(216, 128, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 128, 22) }
```

Border

The CSS property to change the border of an element to YIQ 142.2280, 86.4740, -14.3100 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(216, 128, 22) }
```


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

```
.border{ border-color:rgb(216, 128, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 128, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 128, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 128, 22);  
box-shadow:4px 4px 4px 4px rgb(216, 128,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 142.2280, 86.4740, -14.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 128, 22) }
```

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

```
.background{ background-color: rgb(216,  
128, 22) }
```

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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