

Converting Colors

YIQ(130.5340, 94.3600,
-14.0560)

Have a look what the booklet for
YIQ(130.5340, 94.3600, -14.0560)
contains.

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Color

**YIQ(130.5340, 94.3600,
-14.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	D47202
RGB	212, 114, 2
RGB Percent	83%, 45%, 1%
CMY	0.1685, 0.5531, 0.9917
CMYK	0.00, 0.46, 0.99, 0.17
HSL	32°, 98%, 42%
HSV	32°, 99%, 83%
XYZ	33.1876, 26.0332, 3.3365
YIQ	130.5340, 94.3600, -14.0560

Conversions

Conversions Part 2

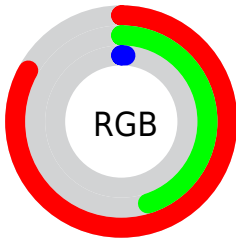
Format	Color
RYB	186, 212, 2
Decimal	13922818
CIELab	58.07, 32.83, 65.12
CIElCh	58, 72.924, 63.248
Yxy	26.0332, 0.5305, 0.4161
Android (android.graphics.Color)	4292112898 (0xFFD47202)
YUV	130.5340, -63.3673, 71.4457
Hunter-Lab	51.0227, 26.8153, 31.8387

Details

The YIQ color **130.5340, 94.3600, -14.0560** 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 **83.4660, -94.3600, 14.0560**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.0260, 84.2270, -12.1330**, and **82.4180, 71.8000, -1.6720** is the 20% darker color. If you saturate the color by 10%, you get **129.7190, 95.2770, -14.1550**, and if you desaturate by 10%, it is **138.7980, 84.8690, -12.7550**.

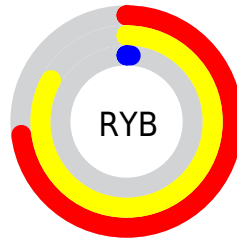
Distribution



Red (83%)

Green (45%)

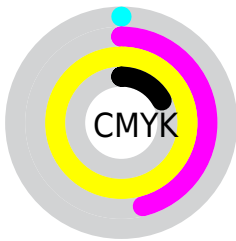
Blue (1%)



Red (73%)

Yellow (83%)

Blue (1%)

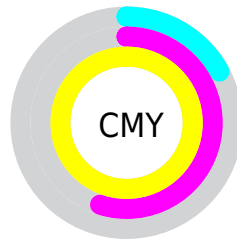


Cyan (0%)

Magenta (46%)

Yellow (99%)

Black (17%)



Cyan (17%)


Magenta (55%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.5340, 94.3600, -14.0560 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 130.5340, 94.3600, -14.0560 by changing the saturation by 10% instead.


 130.5340, 94.3600,
-14.0560


 130.5340, 94.3600,
-14.0560


255.0000, -0.0000,
-0.0000


 106.3620, 83.4010,
-8.1750


 182.0260, 84.2270,
-12.1330


 82.7170, 72.3960,
-1.4600


 200.9530, 68.1350,
-17.8570


 59.3600, 60.5200,
4.5200


 220.4670, 51.7680,
-24.1040

 36.0140, 50.1110,
11.4470

 240.5680, 35.1260,
-30.8740

 18.8370, 37.5480,
13.3560

 246.1080, 25.0380,
-24.2580

 11.4760, 22.3270,
8.3670

 249.3000, 16.0500,

 0.0000, 0.0000,

-15.5500

0.0000

■ 252.6060, 6.7410,
-6.5310

■ 130.5340, 94.3600,
-14.0560

■ 130.5340, 94.3600,
-14.0560

■ 129.7190, 95.2770,
-14.1550

■ 138.7980, 84.8690,
-12.7550

■ 147.1760, 75.0570,
-11.1430

■ 155.4400, 65.5660,
-9.8420

■ 163.7040, 56.0750,
-8.5410

■ 171.3810, 46.8590,
-6.7170

■ 179.6450, 37.3680,
-5.4160

■ 188.0230, 27.5560,
-3.8040

■ 196.2870, 18.0650,
-2.5030

■ 204.5510, 8.5740,
-1.2020

Harmonies

Analogous

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



129.9990, 99.1660, 31.0220



130.5340, 94.3600, -14.0560



130.0310, 58.3270, -38.3530

Triad

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



130.5340, 94.3600, -14.0560



115.1460, -92.7450, -42.7690



141.6650, -24.9960, 45.5320

Complementary

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



130.5340, 94.3600, -14.0560



83.4660, -94.3600, 14.0560

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.



114.1850, -121.7300, 3.4700



130.5340, 94.3600, -14.0560



121.7410, -112.6930, -22.6530

Square

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



130.5340, 94.3600, -14.0560



105.1600, -70.1380, -61.5140



123.4630, -125.8090, -5.2090



138.8340, 43.9120, 63.2400

Rectangle

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



130.5340, 94.3600, -14.0560



124.5170, 29.9950, -53.5330



123.4630, -125.8090, -5.2090



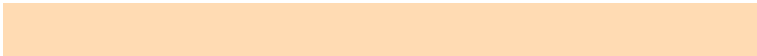
135.8890, -55.3460, 33.8860

Sweetspot

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



130.5340, 94.3600, -14.0560



225.2040, 34.2960, -4.8080



76.4180, 92.4180, 76.2420



109.8420, 20.8160, -2.8000



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.



130.5340, 94.3600, -14.0560



156.0770, 114.5800, -17.0680



187.1630, 65.6220, -65.9460



102.8110, 4.9060, -0.8060



104.5460, 76.8910, -11.3410



26.3580, 19.3030, -2.9130

Inverse Universe

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



83.4660, -94.3600, 14.0560



98.9230, -114.5800, 17.0680



27.1360, -65.0260, 66.1580



100.1890, -4.9060, 0.8060



66.4540, -76.8910, 11.3410



16.6420, -19.3030, 2.9130

Previews

White Background



This preview shows how the YIQ color 130.5340, 94.3600, -14.0560 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 130.5340, 94.3600, -14.0560 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 130.5340, 94.3600, -14.0560

Background



This preview shows how black text looks on a background with the YIQ color 130.5340, 94.3600, -14.0560.



This preview shows how white text looks on a background with the YIQ color 130.5340, 94.3600, -14.0560.

-14.0560.

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

130.5340, 94.3600, -14.0560

Protanopia

132.0610, 49.6150, -34.6490

Deuteranopia

130.9940, 68.9170, -32.0350



Tritanopia

139.6880, 63.3130, 25.4970

Trichromacy



Original Color

130.5340, 94.3600, -14.0560

Protanomaly

131.4870, 66.2110, -27.0450

Deuteranomaly

130.8860, 78.2690, -25.3070

Tritanomaly

136.5900, 74.7320, 11.2760

Monochromacy



Original Color

130.5340, 94.3600, -14.0560

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.7910, 34.0210, -5.3310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.5340, 94.3600, -14.0560 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(212, 114, 2)` looks like.

```
.text, #text, p{  
    color:rgb(212, 114, 2)  
}
```

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(212, 114, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 114, 2) }
```

Border

The CSS property to change the border of an element to YIQ 130.5340, 94.3600, -14.0560 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(212, 114, 2) }
```


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

```
.border{ border-color:rgb(212, 114, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 114, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 114, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 114, 2);  
box-shadow:4px 4px 4px 4px rgb(212, 114,  
2) }
```

Background

The CSS property to change the background color of an element to YIQ 130.5340, 94.3600, -14.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 114, 2) }
```

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

```
.background{ background-color: rgb(212,  
114, 2) }
```

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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