

Converting Colors

YIQ(140.7320, 94.4030, 1.6910)

Have a look what the booklet for
YIQ(140.7320, 94.4030, 1.6910)
contains.

YIQ(140.7320, 94.4030, 1.6910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(140.7320, 94.4030,
1.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	E87227
RGB	232, 114, 39
RGB Percent	91%, 45%, 15%
CMY	0.0900, 0.5531, 0.8466
CMYK	0.00, 0.51, 0.83, 0.09
HSL	23°, 81%, 53%
HSV	23°, 83%, 91%
XYZ	39.6778, 29.3364, 5.5003
YIQ	140.7320, 94.4030, 1.6910

Conversions

Conversions Part 2

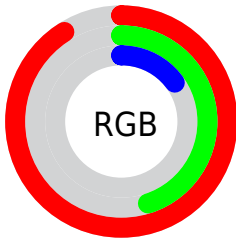
Format	Color
RYB	232, 162, 39
Decimal	15233575
CIELab	61.08, 41.46, 58.96
CIELCh	61, 72.074, 54.888
Yxy	29.3364, 0.5325, 0.3937
Android (android.graphics.Color)	4293423655 (0xFFE87227)
YUV	140.7320, -50.1539, 80.0420
Hunter-Lab	54.1631, 35.9769, 31.8932

Details

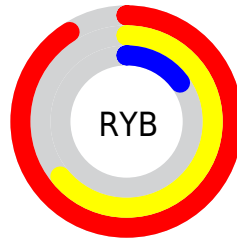
The YIQ color **140.7320, 94.4030, 1.6910** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **130.2680, -94.4030, -1.6910**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.2350, 76.5690, -5.5030**, and **86.9250, 83.6740, 3.4020** is the 20% darker color. If you saturate the color by 10%, you get **129.8920, 105.6360, 1.8600**, and if you desaturate by 10%, it is **151.5720, 83.1700, 1.5220**.

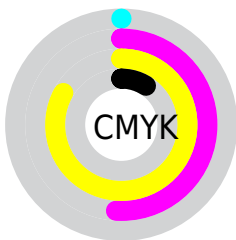
Distribution



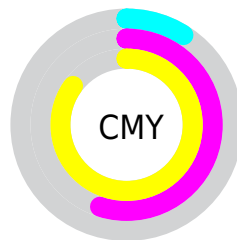
- Red (91%)
- Green (45%)
- Blue (15%)



- Red (91%)
- Yellow (64%)
- Blue (15%)



- Cyan (0%)
- Magenta (51%)
- Yellow (83%)
- Black (9%)





- Cyan (9%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.7320, 94.4030, 1.6910 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 140.7320, 94.4030, 1.6910 by changing the saturation by 10% instead.


 140.7320, 94.4030,
1.6910


 140.7320, 94.4030,
1.6910


255.0000, -0.0000,
-0.0000


 112.2540, 92.7530,
-1.4470


 185.2350, 76.5690,
-5.5030


 86.9250, 83.6740,
3.4020


 204.6350, 60.5230,
-12.0610


 62.6930, 72.9440,
10.6400


 224.1490, 44.1560,
-18.3080

 34.6400, 63.2680,
20.8040

 244.2500, 27.5140,
-25.0780

 23.6210, 47.0840,
16.7480

 248.6160, 17.9760,
-17.4160

 15.9610, 31.2670,
11.5470

 251.9220, 8.6670,

 2.3920, 4.7680,

-8.3970

1.6960

■ 0.0000, 0.0000,
0.0000

■ 140.7320, 94.4030,
1.6910

■ 140.7320, 94.4030,
1.6910

■ 129.8920,
105.6360, 1.8600

■ 151.5720, 83.1700,
1.5220

■ 122.1980,
113.5220, 2.1140

■ 162.5260, 71.6160,
1.6640

■ 173.9530, 60.1080,
0.9720

■ 184.7930, 48.8750,
0.8030

■ 195.6330, 37.6420,
0.6340

■ 206.4730, 26.4090,
0.4650

■ 217.4270, 14.8550,
0.6070

■ 228.8540, 3.3470,
-0.0850

■ 239.6940, -7.8860,
-0.2540

Harmonies

Analogous

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



137.8990, 96.8720, 39.5600



140.7320, 94.4030, 1.6910



138.3810, 72.0810, -34.3110

Triad

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



140.7320, 94.4030, 1.6910



118.5880, -91.4140, -50.3740



144.7930, -46.2680, 34.5640

Complementary

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



140.7320, 94.4030, 1.6910



130.2680, -94.4030, -1.6910

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.



121.8160, -125.3050, -3.3290



140.7320, 94.4030, 1.6910



125.9980, -112.2790, -30.1590

Square

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



140.7320, 94.4030, 1.6910



107.6560, -68.8990, -67.4510



128.9910, -127.5960, -11.3720



150.0430, 27.0860, 59.8060

Rectangle

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



140.7320, 94.4030, 1.6910



134.3510, 45.2620, -49.3780



128.9910, -127.5960, -11.3720



132.1360, -84.5030, 17.1370

Sweetspot

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



140.7320, 94.4030, 1.6910



224.8110, 31.2690, 0.4930



110.2730, 76.8290, 77.9250



109.4660, 19.1190, 0.4230



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.



140.7320, 94.4030, 1.6910



134.3580, 124.7550, 2.2830



197.0840, 68.0030, -48.5170



111.6370, 5.4560, 0.2400



95.2090, 88.6260, 1.7620



28.4730, 26.4090, 0.4650

Inverse Universe

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



130.2680, -94.4030, -1.6910



120.6420, -124.7550, -2.2830



74.5030, -68.2780, 47.9940



111.3630, -5.4560, -0.2400



85.7910, -88.6260, -1.7620



25.5270, -26.4090, -0.4650

Previews

White Background



This preview shows how the YIQ color 140.7320, 94.4030, 1.6910 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 140.7320, 94.4030, 1.6910 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 140.7320, 94.4030, 1.6910

Background



This preview shows how black text looks on a background with the YIQ color 140.7320, 94.4030, 1.6910.



This preview shows how white text looks on a background with the YIQ color 140.7320, 94.4030,

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

140.7320, 94.4030, 1.6910

Protanopia

141.9820, 42.8280, -27.2840

Deuteranopia

140.8720, 63.6890, -25.3910



Tritanopia

146.0700, 74.0410, 29.3130

Trichromacy



Original Color

140.7320, 94.4030, 1.6910

Protanomaly

141.7720, 61.3950, -16.8530

Deuteranomaly

141.1280, 75.0120, -15.8360

Tritanomaly

144.4540, 81.2870, 19.1350

Monochromacy



Original Color

140.7320, 94.4030, 1.6910

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.7790, 34.2950, 0.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.7320, 94.4030, 1.6910 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, 114, 39)` looks like.

```
.text, #text, p{  
    color:rgb(232, 114, 39)  
}
```

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, 114, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 114, 39) }
```

Border

The CSS property to change the border of an element to YIQ 140.7320, 94.4030, 1.6910 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, 114, 39) }
```


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

```
.border{ border-color:rgb(232, 114, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 114, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 114, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 114, 39);  
box-shadow:4px 4px 4px 4px rgb(232, 114,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 140.7320, 94.4030, 1.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 114, 39) }
```

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

```
.background{ background-color: rgb(232,  
114, 39) }
```

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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