

Converting Colors

YIQ(141.9340, 78.3140,
-20.6140)

Have a look what the booklet for
YIQ(141.9340, 78.3140, -20.6140)
contains.

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Color

**YIQ(141.9340, 78.3140,
-20.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8614
RGB	204, 134, 20
RGB Percent	80%, 53%, 8%
CMY	0.1999, 0.4746, 0.9211
CMYK	0.00, 0.34, 0.90, 0.20
HSL	37°, 82%, 44%
HSV	37°, 90%, 80%
XYZ	33.5567, 29.9337, 4.6757
YIQ	141.9340, 78.3140, -20.6140

Conversions

Conversions Part 2

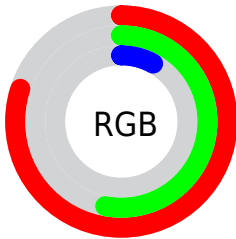
Format	Color
R_{YB}	133, 204, 20
Decimal	13403668
CIE _{Lab}	61.60, 18.92, 63.75
CIE _{LCh}	62, 66.499, 73.473
Yxy	29.9337, 0.4923, 0.4391
Android (android.graphics.Color)	4291593748 (0xFFCC8614)
YUV	141.9340, -60.1135, 54.4319
Hunter-Lab	54.7117, 13.7352, 33.2312

Details

The YIQ color **141.9340, 78.3140, -20.6140** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **82.0660, -78.3140, 20.6140**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.0200, 75.1960, -19.1720**, and **92.3640, 62.7240, -13.4040** is the 20% darker color. If you saturate the color by 10%, you get **134.9580, 86.9340, -22.6500**, and if you desaturate by 10%, it is **149.0240, 69.3730, -18.2670**.

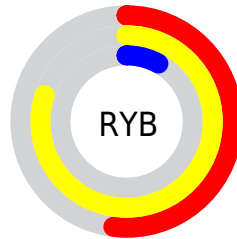
Distribution



Red (80%)

Green (53%)

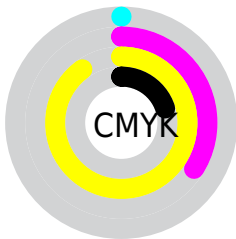
Blue (8%)



Red (52%)

Yellow (80%)

Blue (8%)

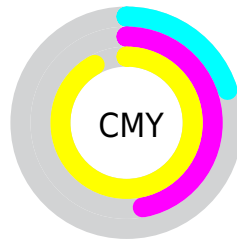


Cyan (0%)

Magenta (34%)

Yellow (90%)

Black (20%)



Cyan (20%)

Magenta (47%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.9340, 78.3140, -20.6140 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 141.9340, 78.3140, -20.6140 by changing the saturation by 10% instead.

141.9340, 78.3140,
-20.6140

141.9340, 78.3140,
-20.6140

255.0000, -0.0000,
-0.0000

116.0090, 73.7290,
-20.1190

195.0200, 75.1960,
-19.1720

92.3640, 62.7240,
-13.4040

214.5340, 58.8290,
-25.4190

70.1920, 51.7650,
-7.5230

234.0480, 42.4620,
-31.6660

48.6070, 40.5310,
-2.1650

244.2840, 30.1740,
-29.2340

28.2070, 30.2140,
3.0940

247.4760, 21.1860,
-20.5260

10.7640, 21.4560,
7.6320

250.6680, 12.1980,

0.0000, 0.0000,

-11.8180

0.0000

254.0880, 2.5680,
-2.4880

141.9340, 78.3140,
-20.6140

141.9340, 78.3140,
-20.6140

134.9580, 86.9340,
-22.6500

149.0240, 69.3730,
-18.2670

156.0000, 60.7530,
-16.2310

162.3890, 52.4080,
-13.6720

169.4790, 43.4670,
-11.3250

176.4550, 34.8470,
-9.2890

■ 183.5450, 25.9060,
-6.9420

■ 189.9340, 17.5610,
-4.3830

■ 196.9100, 8.9410,
-2.3470

■ 204.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



143.7230, 90.5950, 15.6430



141.9340, 78.3140, -20.6140



136.2590, 48.5170, -47.7950

Triad

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



141.9340, 78.3140, -20.6140



123.1480, -104.2540, -37.9340



153.1320, 1.5500, 49.0220

Complementary

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



141.9340, 78.3140, -20.6140



82.0660, -78.3140, 20.6140

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.



136.8870, -79.3680, 17.6880



141.9340, 78.3140, -20.6140



128.2440, -121.3590, -19.7830

Square

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



141.9340, 78.3140, -20.6140



115.0200, -84.1230, -55.8590



125.3380, -126.9550, -6.4670



148.4900, 56.3840, 57.4720

Rectangle

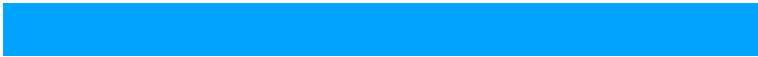
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



141.9340, 78.3140, -20.6140



133.7890, 8.8580, -50.4220



125.3380, -126.9550, -6.4670



151.8240, -21.1900, 42.6340

Sweetspot

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



141.9340, 78.3140, -20.6140



231.8720, 29.2990, -7.8610



83.1100, 86.8730, 61.0890



113.9340, 17.5610, -4.3830



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.



141.9340, 78.3140, -20.6140



168.9910, 108.5300, -28.5740



176.7450, 46.5480, -61.6760



98.5120, 4.3100, -1.0180



110.0950, 70.6110, -18.6770



25.4500, 16.0480, -4.4960

Inverse Universe

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



82.0660, -78.3140, 20.6140



86.0090, -108.5300, 28.5740



47.5540, -45.9520, 61.8880



95.4880, -4.3100, 1.0180



55.9050, -70.6110, 18.6770



13.1370, -16.3230, 3.9730

Previews

White Background



This preview shows how the YIQ color 141.9340, 78.3140, -20.6140 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 141.9340, 78.3140, -20.6140 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 141.9340, 78.3140, -20.6140

Background



This preview shows how black text looks on a background with the YIQ color 141.9340, 78.3140, -20.6140.



This preview shows how white text looks on a background with the YIQ color 141.9340, 78.3140, -20.6140.

-20.6140.

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

141.9340, 78.3140, -20.6140

Protanopia

141.1320, 50.8530, -35.0590

Deuteranopia

140.5320, 70.3380, -30.2540



Tritanopia

151.1420, 47.1750, 20.6070

Trichromacy



Original Color

141.9340, 78.3140, -20.6140

Protanomaly

141.2690, 60.8930, -29.7870

Deuteranomaly

140.6080, 73.1800, -26.6920

Tritanomaly

147.6310, 58.3190, 5.8630

Monochromacy



Original Color

141.9340, 78.3140, -20.6140

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.1000, 28.6570, -7.2390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.9340, 78.3140, -20.6140 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(204, 134, 20)` looks like.

```
.text, #text, p{  
    color:rgb(204, 134, 20)  
}
```

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(204, 134, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 134, 20) }
```

Border

The CSS property to change the border of an element to YIQ 141.9340, 78.3140, -20.6140 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(204, 134, 20) }
```


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

```
.border{ border-color:rgb(204, 134, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 134, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 134, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 134, 20);  
box-shadow:4px 4px 4px 4px rgb(204, 134,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 141.9340, 78.3140, -20.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 134, 20) }
```

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

```
.background{ background-color: rgb(204,  
134, 20) }
```

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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