

Converting Colors

YIQ(195.9660, 75.2880,
-20.8400)

Have a look what the booklet for
YIQ(195.9660, 75.2880, -20.8400)
contains.

YIQ(195.9660, 75.2880, -20.8400)	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(195.9660, 75.2880,
-20.8400)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD4D
RGB	255, 189, 77
RGB Percent	100%, 74%, 30%
CMY	0.0000, 0.2589, 0.6976
CMYK	0.00, 0.26, 0.70, 0.00
HSL	38°, 100%, 65%
HSV	38°, 70%, 100%
XYZ	60.7746, 58.1803, 15.0662
YIQ	195.9660, 75.2880, -20.8400

Conversions

Conversions Part 2

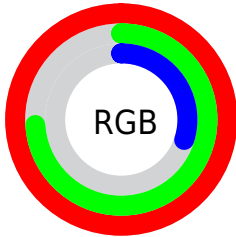
Format	Color
RYB	182, 255, 77
Decimal	16760141
CIELab	80.84, 13.35, 63.52
CIELCh	81, 64.905, 78.134
Yxy	58.1803, 0.4535, 0.4341
Android (android.graphics.Color)	4294950221 (0xFFFFBD4D)
YUV	195.9660, -58.6502, 51.7728
Hunter-Lab	76.2760, 8.7407, 41.6822

Details

The YIQ color **195.9660, 75.2880, -20.8400** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **136.0340, -75.2880, 20.8400**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.9940, 42.5540, -33.3340**, and **139.6620, 73.0880, -25.0240** is the 20% darker color. If you saturate the color by 10%, you get **187.8330, 85.7880, -23.9080**, and if you desaturate by 10%, it is **204.2130, 64.4670, -17.4610**.

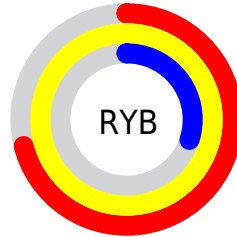
Distribution



Red (100%)

Green (74%)

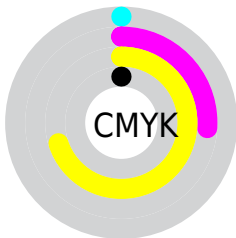
Blue (30%)



Red (71%)

Yellow (100%)

Blue (30%)

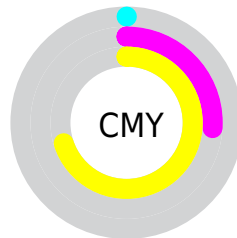


Cyan (0%)

Magenta (26%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.9660, 75.2880, -20.8400 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 195.9660, 75.2880, -20.8400 by changing the saturation by 10% instead.

195.9660, 75.2880,
-20.8400

195.9660, 75.2880,
-20.8400

255.0000, -0.0000,
-0.0000

167.6560, 73.2250,
-21.9990

234.9940, 42.5540,
-33.3340

139.6620, 73.0880,
-25.0240

244.0560, 30.8160,
-29.8560

114.1930, 67.2190,
-23.2850

247.2480, 21.8280,
-21.1480

90.8470, 56.8100,
-16.3580

250.4400, 12.8400,
-12.4400

68.6750, 45.8510,
-10.4770

253.7460, 3.5310,
-3.4210

47.3890, 35.2130,
-4.9070

27.8750, 25.2170,

0.0410

■ 8.6710, 17.2840,
6.1480

■ 0.0000, 0.0000,
0.0000

■ 195.9660, 75.2880,
-20.8400

■ 195.9660, 75.2880,
-20.8400

■ 187.8330, 85.7880,
-23.9080

■ 204.2130, 64.4670,
-17.4610

■ 178.9990, 96.8840,
-26.7640

■ 212.9330, 53.6920,
-14.9160

■ 170.8660,
107.3840, -29.8320

■ 221.1800, 42.8710,
-11.5370

■ 170.1650,
107.9800, -29.6200

■ 229.9000, 32.0960,
-8.9920

■ 238.1470, 21.2750,
-5.6130

■ 246.8670, 10.5000,
-3.0680

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



186.4550, 70.3780, 2.0740



195.9660, 75.2880, -20.8400



191.0760, 36.0910, -42.8610

Triad

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



195.9660, 75.2880, -20.8400



162.6150, -139.6020, -47.1060



203.9090, 20.9910, 43.6070

Complementary

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



195.9660, 75.2880, -20.8400



136.0340, -75.2880, 20.8400

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.



191.3860, -38.6530, 12.1870



195.9660, 75.2880, -20.8400



161.7320, -144.0050, -38.8930

Square

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



195.9660, 75.2880, -20.8400



154.2590, -118.8290, -65.6530



154.6880, -140.7050, -32.6170



190.1730, 37.8630, 46.2070

Rectangle

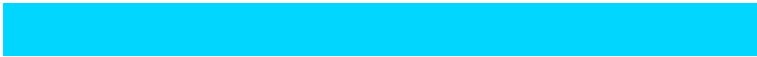
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195.9660, 75.2880, -20.8400



185.4120, -0.2660, -50.2660



154.6880, -140.7050, -32.6170



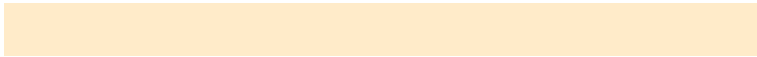
201.1300, 3.8910, 34.1230

Sweetspot

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



195.9660, 75.2880, -20.8400



237.1040, 22.8340, -6.3340



137.9740, 84.2600, 58.8840



117.3080, 13.5720, -3.6760



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.



195.9660, 75.2880, -20.8400



184.2310, 90.4190, -25.2370



228.4290, 44.6220, -59.8100



123.5830, 5.5480, -1.4280



127.5490, 80.8360, -22.2680



42.6160, 27.1440, -7.3520

Inverse Universe

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



136.0340, -75.2880, 20.8400



111.7690, -90.4190, 25.2370



103.5710, -44.6220, 59.8100



118.8300, -5.2730, 1.9510



63.4510, -80.8360, 22.2680



21.3840, -27.1440, 7.3520

Previews

White Background



This preview shows how the YIQ color 195.9660, 75.2880, -20.8400 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 195.9660, 75.2880, -20.8400 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 195.9660, 75.2880, -20.8400

Background



This preview shows how black text looks on a background with the YIQ color 195.9660, 75.2880, -20.8400.



This preview shows how white text looks on a background with the YIQ color 195.9660, 75.2880, -20.8400.

-20.8400.

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

195.9660, 75.2880, -20.8400

Protanopia

194.1970, 52.2280, -32.4440

Deuteranopia

195.5310, 72.0790, -23.2570



Tritanopia

204.3800, 40.5730, 19.1090

Trichromacy



Original Color

195.9660, 75.2880, -20.8400

Protanomaly

195.0240, 60.2050, -28.3310

Deuteranomaly

195.5420, 73.5460, -22.3100

Tritanomaly

201.3530, 53.2300, 4.4780

Monochromacy



Original Color

195.9660, 75.2880, -20.8400

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.6160, 27.1440, -7.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9660, 75.2880, -20.8400 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(255, 189, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 77)  
}
```

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(255, 189, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 77) }
```

Border

The CSS property to change the border of an element to YIQ 195.9660, 75.2880, -20.8400 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(255, 189, 77) }
```


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

```
.border{ border-color:rgb(255, 189, 77) }
```

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

Here you see how a box with a 4 pixel rgb(255, 189, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9660, 75.2880, -20.8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 77) }
```

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

```
.background{ background-color: rgb(255,  
189, 77) }
```

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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