

Converting Colors

YIQ(199.4530, 63.5510,
-22.8890)

Have a look what the booklet for
YIQ(199.4530, 63.5510, -22.8890)
contains.

YIQ(199.4530, 63.5510, -22.8890)	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(199.4530, 63.5510,
-22.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C55A
RGB	246, 197, 90
RGB Percent	96%, 77%, 35%
CMY	0.0352, 0.2275, 0.6467
CMYK	0.00, 0.20, 0.63, 0.04
HSL	41°, 90%, 66%
HSV	41°, 63%, 96%
XYZ	59.8211, 60.2578, 18.1699
YIQ	199.4530, 63.5510, -22.8890

Conversions

Conversions Part 2

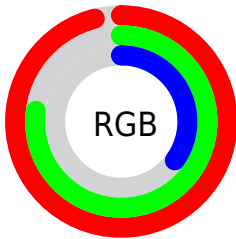
Format	Color
RYB	161, 246, 90
Decimal	16172378
CIELab	81.98, 6.17, 58.82
CIElCh	82, 59.140, 84.010
Yxy	60.2578, 0.4327, 0.4359
Android (android.graphics.Color)	4294362458 (0xFFFF6C55A)
YUV	199.4530, -53.9603, 40.8217
Hunter-Lab	77.6259, 1.7128, 40.4601

Details

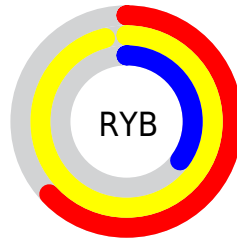
The YIQ color **199.4530, 63.5510, -22.8890** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **136.5470, -63.5510, 22.8890**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.1720, 36.1810, -33.4750**, and **144.1320, 60.0210, -24.9950** is the 20% darker color. If you saturate the color by 10%, you get **191.9070, 73.7760, -26.4800**, and if you desaturate by 10%, it is **206.9990, 53.3260, -19.2980**.

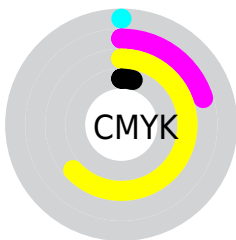
Distribution



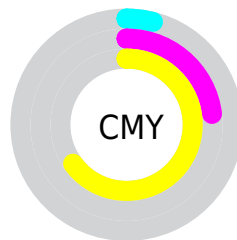
- Red (96%)
- Green (77%)
- Blue (35%)



- Red (63%)
- Yellow (96%)
- Blue (35%)



- Cyan (0%)
- Magenta (20%)
- Yellow (63%)
- Black (4%)



- Cyan (4%)
- Magenta (23%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.4530, 63.5510, -22.8890 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 199.4530, 63.5510, -22.8890 by changing the saturation by 10% instead.

199.4530, 63.5510,
-22.8890

199.4530, 63.5510,
-22.8890

255.0000, -0.0000,
-0.0000

171.5560, 61.7630,
-23.5250

241.1720, 36.1810,
-33.4750

144.2460, 59.7000,
-24.6840

245.4240, 26.9640,
-26.1240

116.2090, 61.1220,
-28.4300

248.7300, 17.6550,
-17.1050

93.4500, 50.4380,
-22.0260

251.9220, 8.6670,
-8.3970

71.2890, 40.9460,
-15.1980

50.0030, 30.3080,
-9.6280

30.4890, 20.3120,

-4.6800

■ 7.7520, 12.5620,
3.6180

■ 0.0000, 0.0000,
0.0000

■ 199.4530, 63.5510,
-22.8890

■ 199.4530, 63.5510,
-22.8890

■ 191.9070, 73.7760,
-26.4800

■ 206.9990, 53.3260,
-19.2980

■ 185.0620, 83.4050,
-30.2830

■ 213.8440, 43.6970,
-15.4950

■ 177.5160, 93.6300,
-33.8740

■ 221.3900, 33.4720,
-11.9040

■ 172.7570,
100.1410, -36.2350

■ 228.8220, 23.5680,
-8.6240

■ 236.3680, 13.3430,
-5.0330

■ 243.3270, 3.3930,
-0.9190

■ 249.9610, -4.2640,
0.1840

■ 252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



192.6670, 66.6650, -2.2230



199.4530, 63.5510, -22.8890



194.1980, 24.1240, -40.7400

Triad

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



199.4530, 63.5510, -22.8890



163.7550, -142.8120, -43.9960



206.2790, 22.8250, 43.4090

Complementary

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



199.4530, 63.5510, -22.8890



136.5470, -63.5510, 22.8890

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.



199.7580, -21.9650, 18.1230



199.4530, 63.5510, -22.8890



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.



199.4530, 63.5510, -22.8890



157.2570, -124.5150, -61.7230



172.6390, -103.4780, -18.9500



193.7290, 38.8730, 38.9130

Rectangle

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



199.4530, 63.5510, -22.8890



188.6590, -11.0870, -46.8870



172.6390, -103.4780, -18.9500



206.5010, 13.1520, 36.9920

Sweetspot

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



199.4530, 63.5510, -22.8890



240.7230, 19.5330, -7.0830



142.2300, 77.2470, 48.3110



118.7100, 12.3800, -4.1000



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.



199.4530, 63.5510, -22.8890



197.0770, 79.0490, -28.4310



219.5450, 32.7920, -54.6640



118.8710, 4.6770, -2.1630



130.7500, 75.6560, -27.5120



41.1210, 24.1640, -8.4120

Inverse Universe

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



136.5470, -63.5510, 22.8890



118.9230, -79.0490, 28.4310



116.4550, -32.7920, 54.6640



113.7160, -4.9520, 1.6400



55.8370, -75.9310, 26.9890



17.2920, -23.8890, 8.9350

Previews

White Background



This preview shows how the YIQ color 199.4530, 63.5510, -22.8890 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 199.4530, 63.5510, -22.8890 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 199.4530, 63.5510, -22.8890

Background



This preview shows how black text looks on a background with the YIQ color 199.4530, 63.5510, -22.8890.



This preview shows how white text looks on a background with the YIQ color 199.4530, 63.5510, -22.8890.

-22.8890.

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

199.4530, 63.5510, -22.8890

Protanopia

198.1090, 49.6600, -29.9560

Deuteranopia

199.8990, 68.2270, -19.5250



Tritanopia

207.5260, 37.2260, 19.1940

Trichromacy



Original Color

199.4530, 63.5510, -22.8890

Protanomaly

198.3270, 54.9780, -27.2140

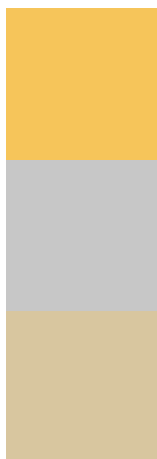
Deuteranomaly

199.5890, 66.1640, -20.6840

Tritanomaly

204.4170, 47.1780, 4.0260

Monochromacy



Original Color

199.4530, 63.5510, -22.8890

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.9360, 23.2470, -8.3130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.4530, 63.5510, -22.8890 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(246, 197, 90)` looks like.

```
.text, #text, p{  
    color:rgb(246, 197, 90)  
}
```

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(246, 197, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 197, 90) }
```

Border

The CSS property to change the border of an element to YIQ 199.4530, 63.5510, -22.8890 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(246, 197, 90) }
```


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

```
.border{ border-color:rgb(246, 197, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 197, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 197, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 197, 90);  
box-shadow:4px 4px 4px 4px rgb(246, 197,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 199.4530, 63.5510, -22.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 197, 90) }
```

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

```
.background{ background-color: rgb(246,  
197, 90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor