

Converting Colors

YIQ(205.6660, 67.2650,
-24.1190)

Have a look what the booklet for
YIQ(205.6660, 67.2650, -24.1190)
contains.

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Color

**YIQ(205.6660, 67.2650,
-24.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCB5A
RGB	255, 203, 90
RGB Percent	100%, 80%, 35%
CMY	0.0000, 0.2040, 0.6467
CMYK	0.00, 0.20, 0.65, 0.00
HSL	41°, 100%, 68%
HSV	41°, 65%, 100%
XYZ	64.4400, 64.7011, 18.7853
YIQ	205.6660, 67.2650, -24.1190

Conversions

Conversions Part 2

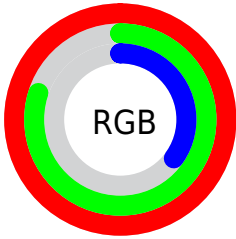
Format	Color
RYB	166, 255, 90
Decimal	16763738
CIELab	84.33, 6.79, 61.64
CIElCh	84, 62.016, 83.712
Yxy	64.7011, 0.4356, 0.4374
Android (android.graphics.Color)	4294953818 (0xFFFFCB5A)
YUV	205.6660, -57.0233, 43.2659
Hunter-Lab	80.4370, 2.2359, 42.4593

Details

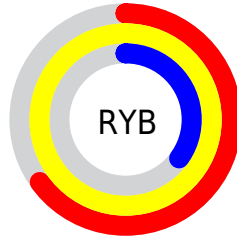
The YIQ color $205.6660, 67.2650, -24.1190$ is a light color, and the websafe version is hex FFCC66 . The color can be described as light muted yellow. A complement of this color would be $139.3340, -67.2650, 24.1190$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $242.3460, 35.6310, -34.5210$, and $149.6440, 64.3310, -26.0130$ is the 20% darker color. If you saturate the color by 10%, you get $198.1200, 77.4900, -27.7100$, and if you desaturate by 10%, it is $213.3260, 56.7190, -20.2170$.

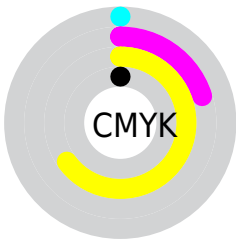
Distribution



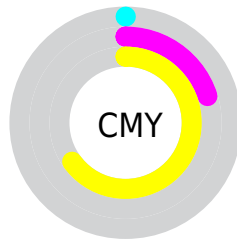
- Red (100%)
- Green (80%)
- Blue (35%)



- Red (65%)
- Yellow (100%)
- Blue (35%)



- Cyan (0%)
- Magenta (20%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.6660, 67.2650, -24.1190 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 205.6660, 67.2650, -24.1190 by changing the saturation by 10% instead.


 205.6660, 67.2650,
-24.1190


 205.6660, 67.2650,
-24.1190


255.0000, -0.0000,
-0.0000


 177.7690, 65.4770,
-24.7550


 242.3460, 35.6310,
-34.5210


 149.6440, 64.3310,
-26.0130


 245.5380, 26.6430,
-25.8130


 122.1230, 64.2400,
-29.8720

 248.7300, 17.6550,
-17.1050

 98.7770, 53.8310,
-22.9450

 252.0360, 8.3460,
-8.0860

 76.3170, 43.7430,
-16.3290

 55.0310, 33.1050,
-10.7590

 34.9300, 23.3840,

-5.2880

■ 14.8400, 15.1300,
1.1300

■ 0.0000, 0.0000,
0.0000

■ 205.6660, 67.2650,
-24.1190

■ 205.6660, 67.2650,
-24.1190

■ 198.1200, 77.4900,
-27.7100

■ 213.3260, 56.7190,
-20.2170

■ 190.4600, 88.0360,
-31.6120

■ 220.8720, 46.4940,
-16.6260

■ 182.9140, 98.2610,
-35.2030

■ 228.5320, 35.9480,
-12.7240

■ 178.9700,
103.8550, -37.4650

■ 236.0780, 25.7230,
-9.1330

■ 243.7380, 15.1770,
-5.2310

■ 251.2840, 4.9520,
-1.6400

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.



195.8300, 64.6480, -4.2160



205.6660, 67.2650, -24.1190



200.1010, 25.7750, -43.1290

Triad

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



205.6660, 67.2650, -24.1190



169.3630, -147.5800, -45.6920



209.2140, 21.4500, 40.7940

Complementary

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



205.6660, 67.2650, -24.1190



139.3340, -67.2650, 24.1190

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.



204.4760, -21.2310, 15.8330



205.6660, 67.2650, -24.1190



166.4280, -146.2050, -43.0770

Square

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



205.6660, 67.2650, -24.1190



162.6370, -128.6410, -64.0410



172.5620, -113.7470, -25.5790



196.4020, 35.4800, 39.8320

Rectangle

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



205.6660, 67.2650, -24.1190



194.6650, -11.2240, -49.9120



172.5620, -113.7470, -25.5790



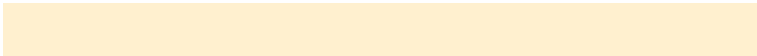
211.5290, 15.9490, 35.8610

Sweetspot

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



205.6660, 67.2650, -24.1190



240.7230, 19.5330, -7.0830



145.2630, 81.6480, 51.1520



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.



205.6660, 67.2650, -24.1190



195.3330, 81.2040, -28.9400



227.2200, 35.0850, -57.6750



123.5830, 5.5480, -1.4280



134.0060, 77.8110, -28.0210



44.9640, 26.0440, -9.4440

Inverse Universe

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



139.3340, -67.2650, 24.1190



115.6670, -81.2040, 28.9400



117.7800, -35.0850, 57.6750



118.8300, -5.2730, 1.9510



56.9940, -77.8110, 28.0210



19.0360, -26.0440, 9.4440

Previews

White Background



This preview shows how the YIQ color 205.6660, 67.2650, -24.1190 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 205.6660, 67.2650, -24.1190 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 205.6660, 67.2650, -24.1190

Background



This preview shows how black text looks on a background with the YIQ color 205.6660, 67.2650, -24.1190.



This preview shows how white text looks on a background with the YIQ color 205.6660, 67.2650, -24.1190.

-24.1190.

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

205.6660, 67.2650, -24.1190

Protanopia

204.3110, 51.9070, -32.1330

Deuteranopia

208.1570, 58.8730, -15.1990



Tritanopia

214.1940, 32.2290, 16.1410

Trichromacy



Original Color

205.6660, 67.2650, -24.1190

Protanomaly

204.8280, 57.8210, -29.1790

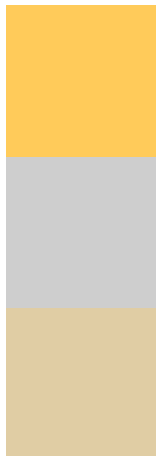
Deuteranomaly

207.0170, 62.0830, -18.3090

Tritanomaly

211.1670, 44.8860, 1.5100

Monochromacy



Original Color

205.6660, 67.2650, -24.1190

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.0070, 24.4850, -8.7230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.6660, 67.2650, -24.1190 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, 203, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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(255, 203, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 90) }
```

Border

The CSS property to change the border of an element to YIQ 205.6660, 67.2650, -24.1190 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, 203, 90) }
```


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

```
.border{ border-color:rgb(255, 203, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 205.6660, 67.2650, -24.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 90) }
```

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

```
.background{ background-color: rgb(255,  
203, 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](#).

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