

Converting Colors

YIQ(207.7690, 65.4770,
-24.7550)

Have a look what the booklet for
YIQ(207.7690, 65.4770, -24.7550)
contains.

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Color

**YIQ(207.7690, 65.4770,
-24.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCE5D
RGB	255, 206, 93
RGB Percent	100%, 81%, 36%
CMY	0.0000, 0.1922, 0.6349
CMYK	0.00, 0.19, 0.63, 0.00
HSL	42°, 100%, 68%
HSV	42°, 63%, 100%
XYZ	65.2860, 66.1844, 19.7104
YIQ	207.7690, 65.4770, -24.7550

Conversions

Conversions Part 2

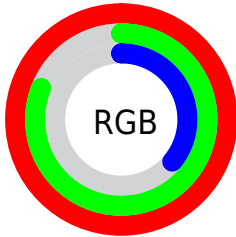
Format	Color
RYB	163, 255, 93
Decimal	16764509
CIELab	85.09, 5.43, 61.16
CIELCh	85, 61.396, 84.929
Yxy	66.1844, 0.4318, 0.4378
Android (android.graphics.Color)	4294954589 (0xFFFFCE5D)
YUV	207.7690, -56.5811, 41.4216
Hunter-Lab	81.3538, 0.8761, 42.5829

Details

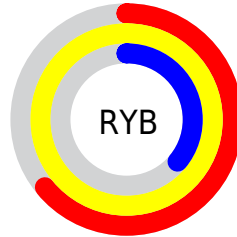
The YIQ color $207.7690, 65.4770, -24.7550$ is a light color, and the websafe version is hex FFCC66 . The color can be described as light muted yellow. A complement of this color would be $140.2310, -65.4770, 24.7550$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.6880, 34.6680, -33.5880$, and $151.8610, 62.2220, -26.3380$ is the 20% darker color. If you saturate the color by 10%, you get $200.2230, 75.7020, -28.3460$, and if you desaturate by 10%, it is $215.4290, 54.9310, -20.8530$.

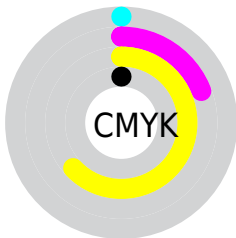
Distribution



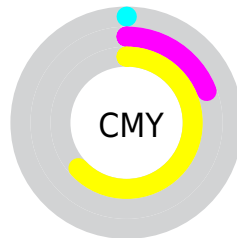
- Red (100%)
- Green (81%)
- Blue (36%)



- Red (64%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (19%)
- Yellow (63%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 207.7690, 65.4770, -24.7550 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 207.7690, 65.4770, -24.7550 by changing the saturation by 10% instead.


 207.7690, 65.4770,
-24.7550


 207.7690, 65.4770,
-24.7550


255.0000, -0.0000,
-0.0000


 179.8720, 63.6890,
-25.3910


 242.6880, 34.6680,
-33.5880


 151.8610, 62.2220,
-26.3380


 245.8800, 25.6800,
-24.8800


 123.2970, 63.6900,
-30.9180

 249.0720, 16.6920,
-16.1720

 99.9510, 53.2810,
-23.9910

 252.3780, 7.3830,
-7.1530

 78.3770, 43.5140,
-17.6860

 56.5040, 33.1510,
-11.5930

 36.1040, 22.8340,

-6.3340

■ 16.6010, 14.3050,
-0.4390

■ 0.0000, 0.0000,
0.0000

■ 207.7690, 65.4770,
-24.7550

■ 207.7690, 65.4770,
-24.7550

■ 200.2230, 75.7020,
-28.3460

■ 215.4290, 54.9310,
-20.8530

■ 193.1500, 85.9730,
-32.7710

■ 222.3880, 44.9810,
-16.7390

■ 185.6040, 96.1980,
-36.3620

■ 230.0480, 34.4350,
-12.8370

■ 180.7310,
103.0300, -39.0340

■ 237.5940, 24.2100,
-9.2460

■ 245.2540, 13.6640,
-5.3440

■ 252.2130, 3.7140,
-1.2300

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.



198.4060, 62.9060, -5.6860



207.7690, 65.4770, -24.7550



202.3180, 23.6660, -43.4540

Triad

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



207.7690, 65.4770, -24.7550



170.5370, -148.1300, -46.7380



209.8010, 21.1750, 40.2710

Complementary

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



207.7690, 65.4770, -24.7550



140.2310, -65.4770, 24.7550

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.



207.1560, -17.3340, 16.7940



207.7690, 65.4770, -24.7550



167.0150, -146.4800, -43.6000

Square

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



207.7690, 65.4770, -24.7550



164.2670, -130.4750, -63.8430



180.0150, -101.7810, -22.1730



198.1630, 34.6550, 38.2630

Rectangle

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



207.7690, 65.4770, -24.7550



196.4090, -13.3790, -49.4030



180.0150, -101.7810, -22.1730



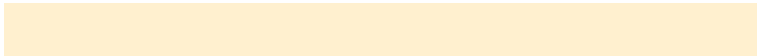
214.1980, 18.3790, 35.8750

Sweetspot

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



207.7690, 65.4770, -24.7550



240.7230, 19.5330, -7.0830



147.2520, 80.1810, 50.2050



119.2970, 12.1050, -4.6230



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.



207.7690, 65.4770, -24.7550



198.2510, 78.4990, -29.4770



227.5620, 34.1220, -56.7420



124.1700, 5.2730, -1.9510



135.1800, 77.2610, -29.0670



44.9640, 26.0440, -9.4440

Inverse Universe

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



140.2310, -65.4770, 24.7550



117.7490, -78.4990, 29.4770



120.4380, -34.1220, 56.7420



118.8300, -5.2730, 1.9510



55.8200, -77.2610, 29.0670



18.4490, -25.7690, 9.9670

Previews

White Background



This preview shows how the YIQ color 207.7690, 65.4770, -24.7550 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 207.7690, 65.4770, -24.7550 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 207.7690, 65.4770, -24.7550

Background



This preview shows how black text looks on a background with the YIQ color 207.7690, 65.4770, -24.7550.



This preview shows how white text looks on a background with the YIQ color 207.7690, 65.4770,

-24.7550.

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

207.7690, 65.4770, -24.7550

Protanopia

206.4250, 51.5860, -31.8220

Deuteranopia

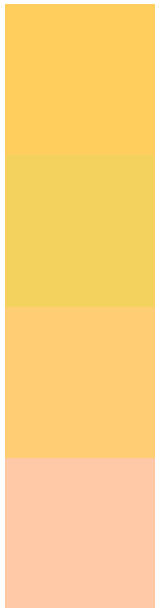
210.4710, 55.1130, -13.1350



Tritanopia

216.2970, 30.4410, 15.5050

Trichromacy



Original Color

207.7690, 65.4770, -24.7550

Protanomaly

206.6430, 56.9040, -29.0800

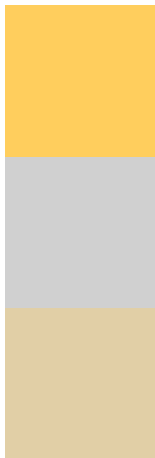
Deuteranomaly

209.6900, 58.6900, -17.3900

Tritanomaly

213.2700, 43.0980, 0.8740

Monochromacy



Original Color

207.7690, 65.4770, -24.7550

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.7080, 23.8890, -8.9350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.7690, 65.4770, -24.7550 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, 206, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 93)  
}
```

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, 206, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 93) }
```

Border

The CSS property to change the border of an element to YIQ 207.7690, 65.4770, -24.7550 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, 206, 93) }
```


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

```
.border{ border-color:rgb(255, 206, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 207.7690, 65.4770, -24.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 93) }
```

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

```
.background{ background-color: rgb(255,  
206, 93) }
```

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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