

Converting Colors

YIQ(206.6490, 48.7400,
-13.2760)

Have a look what the booklet for
YIQ(206.6490, 48.7400, -13.2760)
contains.

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Color

**YIQ(206.6490, 48.7400,
-13.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CA82
RGB	245, 202, 130
RGB Percent	96%, 79%, 51%
CMY	0.0392, 0.2079, 0.4899
CMYK	0.00, 0.18, 0.47, 0.04
HSL	38°, 85%, 74%
HSV	38°, 47%, 96%
XYZ	62.8111, 63.2610, 30.0416
YIQ	206.6490, 48.7400, -13.2760

Conversions

Conversions Part 2

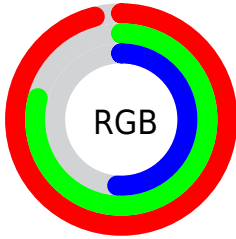
Format	Color
R_{YB}	199, 245, 130
Decimal	16108162
CIE _{Lab}	83.58, 6.29, 41.49
CIE _{LCh}	84, 41.961, 81.376
Yxy	63.2610, 0.4023, 0.4052
Android (android.graphics.Color)	4294298242 (0xFFF5CA82)
YUV	206.6490, -37.7880, 33.6338
Hunter-Lab	79.5368, 1.7740, 33.2815

Details

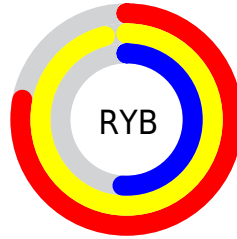
The YIQ color $206.6490, 48.7400, -13.2760$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $168.3510, -48.7400, 13.2760$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $246.9060, 22.7910, -22.0810$, and $151.7950, 45.3930, -13.1910$ is the 20% darker color. If you saturate the color by 10%, you get $198.6300, 58.9190, -16.0330$, and if you desaturate by 10%, it is $214.7820, 38.2400, -10.2080$.

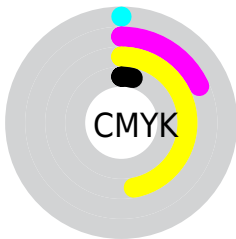
Distribution



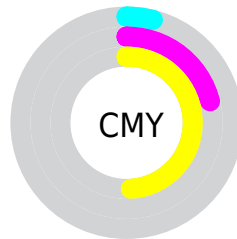
- Red (96%)
- Green (79%)
- Blue (51%)



- Red (78%)
- Yellow (96%)
- Blue (51%)



- Cyan (0%)
- Magenta (18%)
- Yellow (47%)
- Black (4%)





- Cyan (4%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 206.6490, 48.7400, -13.2760 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 206.6490, 48.7400, -13.2760 by changing the saturation by 10% instead.


 206.6490, 48.7400,
-13.2760


 206.6490, 48.7400,
-13.2760


255.0000, -0.0000,
-0.0000

 179.1650, 47.2270,
-13.3890


 246.9060, 22.7910,
-22.0810


 151.7950, 45.3930,
-13.1910

 250.0980, 13.8030,
-13.3730

 125.1260, 42.9630,
-13.2050

 253.4040, 4.4940,
-4.3540

 99.8160, 40.9000,
-14.3640

 74.5770, 40.0750,
-15.9330

 53.8460, 32.1880,
-10.6600

 33.4460, 21.8710,

-5.4010

■ 12.7690, 13.8920,
1.5400

■ 0.0000, 0.0000,
0.0000

■ 206.6490, 48.7400,
-13.2760

■ 206.6490, 48.7400,
-13.2760

■ 198.6300, 58.9190,
-16.0330

■ 214.7820, 38.2400,
-10.2080

■ 190.4970, 69.4190,
-19.1010

■ 222.8010, 28.0610,
-7.4510

■ 181.8910, 79.8730,
-21.3350

■ 231.5210, 17.2860,
-4.9060

■ 173.7580, 90.3730,
-24.4030

■ 239.5400, 7.1070,
-2.1490

■ 165.7390,
100.5520, -27.1600

■ 247.6730, -3.3930,
0.9190

■ 163.0660,
103.9450, -28.0790

■ 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



204.0600, 52.4970, 1.2410



206.6490, 48.7400, -13.2760



203.0750, 20.6370, -27.0990

Triad

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



206.6490, 48.7400, -13.2760



179.5660, -102.3750, -33.4390



213.2790, 13.6570, 33.3450

Complementary

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



206.6490, 48.7400, -13.2760



168.3510, -48.7400, 13.2760

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.



206.5470, -19.9930, 15.4230



206.6490, 48.7400, -13.2760



182.0750, -102.0100, -23.5300

Square

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



206.6490, 48.7400, -13.2760



189.5430, -60.0100, -35.8020



195.6290, -61.9870, -5.4670



206.5120, 31.8140, 29.1740

Rectangle

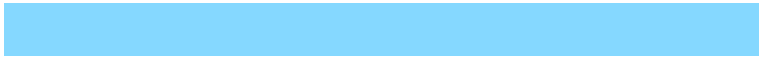
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206.6490, 48.7400, -13.2760



199.2230, -3.3870, -32.2430



195.6290, -61.9870, -5.4670



211.7290, 3.3420, 27.5500

Sweetspot

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



206.6490, 48.7400, -13.2760



243.2650, 15.1310, -4.3970



169.4010, 54.4160, 38.0640



120.2090, 9.5370, -2.1350



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.



206.6490, 48.7400, -13.2760



207.5870, 60.4780, -16.7540



228.0030, 29.1670, -38.5210



118.2840, 4.9520, -1.6400



123.7060, 78.9560, -21.2360



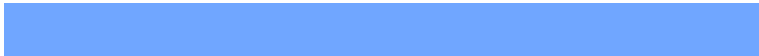
39.3600, 24.9890, -6.8430

Inverse Universe

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



168.3510, -48.7400, 13.2760



160.0000, -60.7530, 16.2310



146.9970, -29.1670, 38.5210



114.3030, -5.2270, 1.1170



62.2940, -78.9560, 21.2360



19.6400, -24.9890, 6.8430

Previews

White Background



This preview shows how the YIQ color 206.6490, 48.7400, -13.2760 looks on a white background.

Color Contrast Check

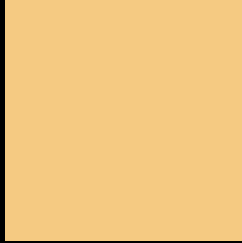
Large Text (above 18pt) WCAG AA × Fail

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 206.6490, 48.7400, -13.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

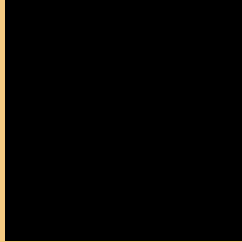
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 206.6490, 48.7400, -13.2760

Background



This preview shows how black text looks on a background with the YIQ color 206.6490, 48.7400, -13.2760.



This preview shows how white text looks on a background with the YIQ color 206.6490, 48.7400, -13.2760.

-13.2760.

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

206.6490, 48.7400, -13.2760

Protanopia

205.7180, 35.1240, -19.8200

Deuteranopia

207.0950, 53.4160, -9.9120



Tritanopia

211.6500, 30.9450, 17.3850

Trichromacy



Original Color

206.6490, 48.7400, -13.2760

Protanomaly

205.9360, 40.4420, -17.0780

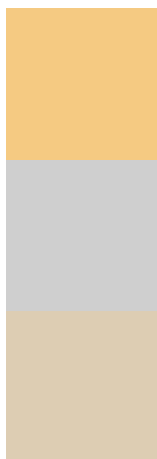
Deuteranomaly

206.7850, 51.3530, -11.0710

Tritanomaly

209.9090, 37.0450, 5.9490

Monochromacy



Original Color

206.6490, 48.7400, -13.2760

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.8200, 17.8820, -4.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.6490, 48.7400, -13.2760 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(245, 202, 130)` looks like.

```
.text, #text, p{  
    color:rgb(245, 202, 130)  
}
```

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(245, 202, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 202, 130) }
```

Border

The CSS property to change the border of an element to YIQ 206.6490, 48.7400, -13.2760 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(245, 202, 130) }
```


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

```
.border{ border-color:rgb(245, 202, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 202, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 202, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 202, 130);  
box-shadow:4px 4px 4px 4px rgb(245, 202,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 206.6490, 48.7400, -13.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 202, 130) }
```

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

```
.background{ background-color: rgb(245,  
202, 130) }
```

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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