

Converting Colors

YIQ(207.6880, 53.0040,
-13.4600)

Have a look what the booklet for
YIQ(207.6880, 53.0040, -13.4600)
contains.

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Color

**YIQ(207.6880, 53.0040,
-13.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	FACA7E
RGB	250, 202, 126
RGB Percent	98%, 79%, 49%
CMY	0.0195, 0.2079, 0.5056
CMYK	0.00, 0.19, 0.50, 0.02
HSL	37°, 93%, 74%
HSV	37°, 50%, 98%
XYZ	64.3165, 64.0668, 28.7382
YIQ	207.6880, 53.0040, -13.4600

Conversions

Conversions Part 2

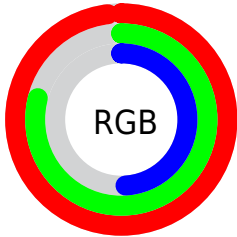
Format	Color
RYB	204, 250, 126
Decimal	16435838
CIELab	84.00, 7.93, 44.12
CIElCh	84, 44.831, 79.812
Yxy	64.0668, 0.4093, 0.4078
Android (android.graphics.Color)	4294625918 (0xFFFA7E)
YUV	207.6880, -40.2722, 37.1076
Hunter-Lab	80.0417, 3.3584, 34.7417

Details

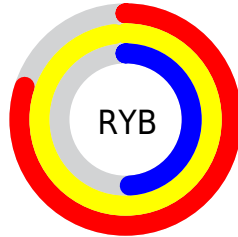
The YIQ color $207.6880, 53.0040, -13.4600$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $168.3120, -53.0040, 13.4600$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.4500, 24.0750, -23.3250$, and $152.5350, 49.0610, -13.5870$ is the 20% darker color. If you saturate the color by 10%, you get $198.9680, 63.7790, -16.0050$, and if you desaturate by 10%, it is $216.4080, 42.2290, -10.9150$.

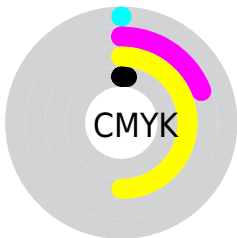
Distribution



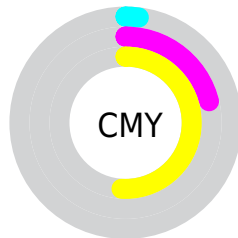
- Red (98%)
- Green (79%)
- Blue (49%)



- Red (80%)
- Yellow (98%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (50%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.6880, 53.0040, -13.4600 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 207.6880, 53.0040, -13.4600 by changing the saturation by 10% instead.

207.6880, 53.0040,
-13.4600

207.6880, 53.0040,
-13.4600

255.0000, -0.0000,
-0.0000

179.9050, 50.8950,
-13.7850

246.4500, 24.0750,
-23.3250

152.5350, 49.0610,
-13.5870

249.6420, 15.0870,
-14.6170

125.7520, 46.9520,
-13.9120

252.8340, 6.0990,
-5.9090

100.4420, 44.8890,
-15.0710

75.4310, 43.4220,
-16.0180

54.1560, 34.2510,
-9.5010

34.3430, 23.6590,

-4.7650

■ 13.6660, 15.6800,
2.1760

■ 0.0000, 0.0000,
0.0000

■ 207.6880, 53.0040,
-13.4600

■ 207.6880, 53.0040,
-13.4600

■ 198.9680, 63.7790,
-16.0050

■ 216.4080, 42.2290,
-10.9150

■ 190.8350, 74.2790,
-19.0730

■ 224.5410, 31.7290,
-7.8470

■ 182.1150, 85.0540,
-21.6180

■ 233.2610, 20.9540,
-5.3020

■ 173.3950, 95.8290,
-24.1630

■ 241.9810, 10.1790,
-2.7570

■ 165.2620,
106.3290, -27.2310

■ 250.1140, -0.3210,
0.3110

■ 164.5610,
106.9250, -27.0190

■ 253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



202.7720, 53.3680, 1.9760



207.6880, 53.0040, -13.4600



203.8750, 24.0760, -28.8520

Triad

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



207.6880, 53.0040, -13.4600



173.3680, -119.6130, -40.4210



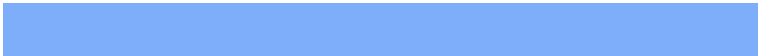
213.8770, 14.8490, 33.7690

Complementary

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



207.6880, 53.0040, -13.4600



168.3120, -53.0040, 13.4600

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.



206.5250, -22.9270, 13.5290



207.6880, 53.0040, -13.4600



173.9690, -122.5030, -32.0950

Square

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



207.6880, 53.0040, -13.4600



188.9940, -62.8980, -38.5300



193.2150, -69.6890, -9.0570



206.4950, 30.4840, 31.2520

Rectangle

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



207.6880, 53.0040, -13.4600



200.1260, -1.7360, -34.6320



193.2150, -69.6890, -9.0570



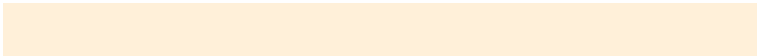
211.7290, 3.3420, 27.5500

Sweetspot

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



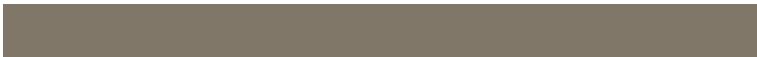
207.6880, 53.0040, -13.4600



241.8630, 16.3230, -3.9730



168.7760, 57.8540, 41.8380



120.0950, 9.8580, -2.4460



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.



207.6880, 53.0040, -13.4600



203.8540, 64.1000, -16.3160



232.2760, 32.6520, -41.1080



120.5830, 5.5480, -1.4280



124.6030, 80.7440, -20.6000



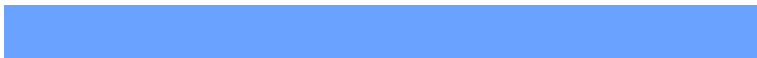
39.9580, 26.1810, -6.4190

Inverse Universe

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



168.3120, -53.0040, 13.4600



156.1460, -64.1000, 16.3160



143.7240, -32.6520, 41.1080



116.4170, -5.5480, 1.4280



64.3970, -80.7440, 20.6000



21.0420, -26.1810, 6.4190

Previews

White Background



This preview shows how the YIQ color 207.6880, 53.0040, -13.4600 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 207.6880, 53.0040, -13.4600 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 207.6880, 53.0040, -13.4600

Background



This preview shows how black text looks on a background with the YIQ color 207.6880, 53.0040, -13.4600.



This preview shows how white text looks on a background with the YIQ color 207.6880, 53.0040, -13.4600.

-13.4600.

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

207.6880, 53.0040, -13.4600

Protanopia

206.4470, 37.3250, -21.1630

Deuteranopia

207.7100, 55.9380, -11.5660



Tritanopia

213.1340, 32.4580, 17.4980

Trichromacy



Original Color

207.6880, 53.0040, -13.4600

Protanomaly

206.9640, 43.2390, -18.2090

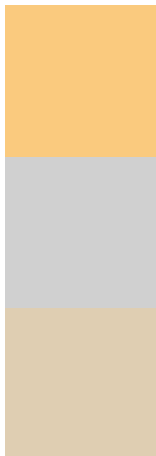
Deuteranomaly

207.9980, 55.0670, -12.3010

Tritanomaly

210.9910, 39.7500, 6.4860

Monochromacy



Original Color

207.6880, 53.0040, -13.4600

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.8910, 19.1200, -5.1040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.6880, 53.0040, -13.4600 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(250, 202, 126)` looks like.

```
.text, #text, p{  
    color:rgb(250, 202, 126)  
}
```

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(250, 202, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 202, 126) }
```

Border

The CSS property to change the border of an element to YIQ 207.6880, 53.0040, -13.4600 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(250, 202, 126) }
```


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

```
.border{ border-color:rgb(250, 202, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 202, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 202, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 202, 126);  
box-shadow:4px 4px 4px 4px rgb(250, 202,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 207.6880, 53.0040, -13.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 202, 126) }
```

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

```
.background{ background-color: rgb(250,  
202, 126) }
```

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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