

Converting Colors

YIQ(216.0450, 47.6850,
-10.6750)

Have a look what the booklet for
YIQ(216.0450, 47.6850, -10.6750)
contains.

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Color

**YIQ(216.0450, 47.6850,
-10.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD291
RGB	255, 210, 145
RGB Percent	100%, 82%, 57%
CMY	0.0000, 0.1765, 0.4311
CMYK	0.00, 0.18, 0.43, 0.00
HSL	35°, 100%, 78%
HSV	35°, 43%, 100%
XYZ	69.3974, 69.3900, 36.5487
YIQ	216.0450, 47.6850, -10.6750

Conversions

Conversions Part 2

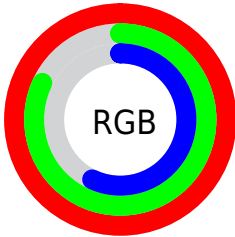
Format	Color
R _Y B	221, 255, 145
Decimal	16765585
CIE Lab	86.70, 7.58, 38.07
CIE LCh	87, 38.814, 78.745
Yxy	69.3900, 0.3958, 0.3958
Android (android.graphics.Color)	4294955665 (0xFFFFD291)
YUV	216.0450, -35.0252, 34.1635
Hunter-Lab	83.3006, 2.9315, 32.2966

Details

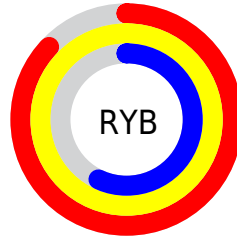
The YIQ color $216.0450, 47.6850, -10.6750$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $183.9550, -47.6850, 10.6750$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7300, 17.6550, -17.1050$, and $160.7780, 44.0630, -11.1130$ is the 20% darker color. If you saturate the color by 10%, you get $207.3250, 58.4600, -13.2200$, and if you desaturate by 10%, it is $224.8790, 36.5890, -7.8190$.

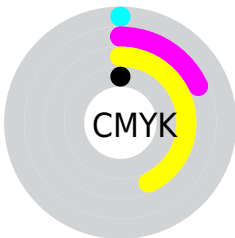
Distribution



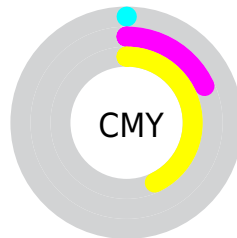
- Red (100%)
- Green (82%)
- Blue (57%)



- Red (87%)
- Yellow (100%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (43%)
- Black (0%)




- Cyan (0%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 216.0450, 47.6850, -10.6750 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 216.0450, 47.6850, -10.6750 by changing the saturation by 10% instead.


 216.0450, 47.6850,
-10.6750


 216.0450, 47.6850,
-10.6750


255.0000, -0.0000,
-0.0000


 187.6750, 45.8510,
-10.4770


 248.7300, 17.6550,
-17.1050


 160.8920, 43.7420,
-10.8020

 251.9220, 8.6670,
-8.3970

 134.4080, 42.2290,
-10.9150

 108.6250, 40.1200,
-11.2400

 83.7280, 38.3320,
-11.8760

 59.7600, 35.3060,
-12.1020

 39.3710, 26.4560,

-5.8960

■ 20.1560, 17.0560,
-0.7360

■ 0.0000, 0.0000,
0.0000

■ 216.0450, 47.6850,
-10.6750

■ 216.0450, 47.6850,
-10.6750

■ 207.3250, 58.4600,
-13.2200

■ 224.8790, 36.5890,
-7.8190

■ 197.9040, 69.8310,
-15.5530

■ 234.1860, 25.5390,
-5.7970

■ 189.1840, 80.6060,
-18.0980

■ 243.0200, 14.4430,
-2.9410

■ 179.7630, 91.9770,
-20.4310

■ 252.3270, 3.3930,
-0.9190

171.0430,
102.7520, -22.9760

255.0000, -0.0000,
-0.0000

164.8820,
110.4550, -24.9130

Harmonies

Analogous

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



211.0530, 45.2070, 1.1990



216.0450, 47.6850, -10.6750



212.4390, 22.6080, -24.2720

Triad

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



216.0450, 47.6850, -10.6750



195.3680, -84.0820, -29.0580



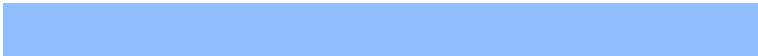
221.2200, 12.1450, 27.7050

Complementary

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



216.0450, 47.6850, -10.6750



183.9550, -47.6850, 10.6750

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.



214.4990, -20.0380, 10.7300



216.0450, 47.6850, -10.6750



195.4420, -86.9260, -21.5660

Square

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



216.0450, 47.6850, -10.6750



201.2130, -50.1530, -32.7210



204.7990, -56.7140, -7.4180



214.9240, 24.6620, 26.6300

Rectangle

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



216.0450, 47.6850, -10.6750



209.6580, -0.1780, -29.8260



204.7990, -56.7140, -7.4180



219.3820, 2.7010, 22.6450

Sweetspot

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



216.0450, 47.6850, -10.6750



243.0200, 14.4430, -2.9410



183.1340, 50.7940, 37.6260



120.3230, 9.2160, -1.8240



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.



216.0450, 47.6850, -10.6750



208.1400, 57.5430, -13.1210



239.7690, 29.9460, -36.1180



122.9960, 5.8230, -0.9050



123.4400, 82.7610, -18.6070



41.4420, 27.6940, -6.3060

Inverse Universe

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



183.9550, -47.6850, 10.6750



169.4470, -57.8180, 12.5980



160.2310, -29.9460, 36.1180



119.4170, -5.5480, 1.4280



67.5600, -82.7610, 18.6070



22.5580, -27.6940, 6.3060

Previews

White Background



This preview shows how the YIQ color 216.0450, 47.6850, -10.6750 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 216.0450, 47.6850, -10.6750 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 216.0450, 47.6850, -10.6750

Background



This preview shows how black text looks on a background with the YIQ color 216.0450, 47.6850, -10.6750.



This preview shows how white text looks on a background with the YIQ color 216.0450, 47.6850, -10.6750.

-10.6750.

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

216.0450, 47.6850, -10.6750

Protanopia

214.5160, 32.8770, -17.6430

Deuteranopia

216.9400, 43.7870, -6.1090



Tritanopia

220.7310, 26.2230, 14.8550

Trichromacy



Original Color

216.0450, 47.6850, -10.6750

Protanomaly

214.7340, 38.1950, -14.9010

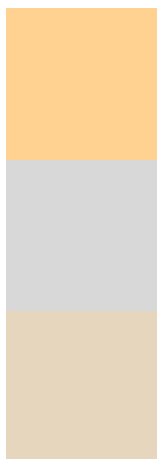
Deuteranomaly

216.3700, 45.3920, -7.6640

Tritanomaly

218.9410, 34.0190, 5.7230

Monochromacy



Original Color

216.0450, 47.6850, -10.6750

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0480, 17.2400, -4.0720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.0450, 47.6850, -10.6750 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, 210, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 145)  
}
```

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, 210, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 145) }
```

Border

The CSS property to change the border of an element to YIQ 216.0450, 47.6850, -10.6750 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, 210, 145) }
```


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

```
.border{ border-color:rgb(255, 210, 145) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 216.0450, 47.6850, -10.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 145) }
```

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

```
.background{ background-color: rgb(255,  
210, 145) }
```

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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