

Converting Colors

YIQ(217.9990, 36.1310,
-10.5330)

Have a look what the booklet for
YIQ(217.9990, 36.1310, -10.5330)
contains.

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Color

**YIQ(217.9990, 36.1310,
-10.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D7A0
RGB	246, 215, 160
RGB Percent	96%, 84%, 63%
CMY	0.0353, 0.1569, 0.3724
CMYK	0.00, 0.13, 0.35, 0.04
HSL	38°, 83%, 80%
HSV	38°, 35%, 96%
XYZ	68.6560, 70.7285, 43.3129
YIQ	217.9990, 36.1310, -10.5330

Conversions

Conversions Part 2

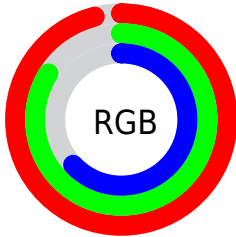
Format	Color
RYB	208, 246, 160
Decimal	16177056
CIELab	87.35, 3.14, 31.11
CIELCh	87, 31.263, 84.239
Yxy	70.7285, 0.3758, 0.3871
Android (android.graphics.Color)	4294367136 (0xFFFF6D7A0)
YUV	217.9990, -28.5935, 24.5569
Hunter-Lab	84.1003, -1.4555, 28.3350

Details

The YIQ color **217.9990, 36.1310, -10.5330** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **188.0010, -36.1310, 10.5330**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.4400, 12.8400, -12.4400**, and **162.4440, 33.3800, -10.2360** is the 20% darker color. If you saturate the color by 10%, you get **209.8660, 46.6310, -13.6010**, and if you desaturate by 10%, it is **226.1320, 25.6310, -7.4650**.

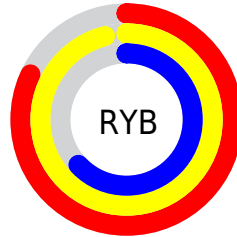
Distribution



Red (96%)

Green (84%)

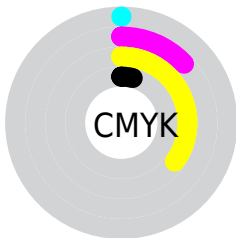
Blue (63%)



Red (82%)

Yellow (96%)

Blue (63%)

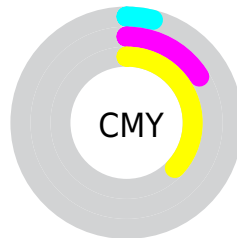


Cyan (0%)

Magenta (13%)

Yellow (35%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 217.9990, 36.1310, -10.5330 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 217.9990, 36.1310, -10.5330 by changing the saturation by 10% instead.


 217.9990, 36.1310,
-10.5330


 217.9990, 36.1310,
-10.5330


255.0000, -0.0000,
-0.0000

 189.9280, 34.8930,
-10.1230


 250.4400, 12.8400,
-12.4400


 162.4440, 33.3800,
-10.2360

 253.7460, 3.5310,
-3.4210

 136.2590, 32.4630,
-10.1370

 110.7750, 30.9500,
-10.2500

 85.9920, 28.8410,
-10.5750

 62.2090, 26.7320,
-10.9000

 40.5230, 22.9720,

-8.8360

■ 21.6070, 14.1680,
-3.4640

■ 0.0000, 0.0000,
0.0000

■ 217.9990, 36.1310,
-10.5330

■ 217.9990, 36.1310,
-10.5330

■ 209.8660, 46.6310,
-13.6010

■ 226.1320, 25.6310,
-7.4650

■ 201.8470, 56.8100,
-16.3580

■ 234.1510, 15.4520,
-4.7080

■ 193.7140, 67.3100,
-19.4260

■ 242.2840, 4.9520,
-1.6400

■ 185.6950, 77.4890,
-22.1830

■ 249.9610, -4.2640,
0.1840

■ 178.1490, 87.7140,
-25.7740

■ 252.3090, -5.3640,
-1.9080

■ 170.0160, 98.2140,
-28.8420

■ 165.7130,
103.4410, -29.9590

Harmonies

Analogous

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



216.1880, 40.3930, 0.3370



217.9990, 36.1310, -10.5330



214.4690, 13.8960, -20.5680

Triad

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



217.9990, 36.1310, -10.5330



204.7020, -64.2310, -19.8710



223.4650, 12.8330, 26.2490

Complementary

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



217.9990, 36.1310, -10.5330



188.0010, -36.1310, 10.5330

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.



218.6850, -11.6940, 13.6980



217.9990, 36.1310, -10.5330



206.5270, -61.9400, -11.8280

Square

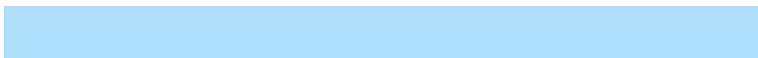
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.9990, 36.1310, -10.5330



206.6640, -43.8730, -25.3850



211.9970, -39.4760, -0.4360



218.2350, 24.9840, 20.7920

Rectangle

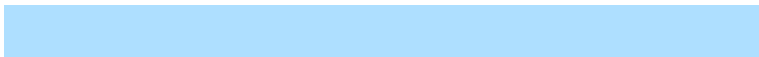
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.9990, 36.1310, -10.5330



212.4820, -5.3140, -24.8500



211.9970, -39.4760, -0.4360



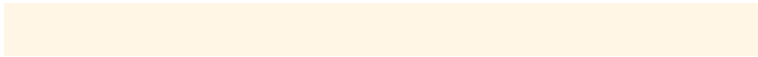
222.0510, 5.1310, 22.6590

Sweetspot

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



217.9990, 36.1310, -10.5330



246.8670, 10.5000, -3.0680



189.3620, 40.9840, 28.1840



122.6540, 6.7860, -1.8380



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.



217.9990, 36.1310, -10.5330



219.9090, 45.0720, -12.8800



232.9070, 21.0500, -29.0780



118.2840, 4.9520, -1.6400



125.4670, 78.1310, -22.8050



39.3600, 24.9890, -6.8430

Inverse Universe

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



188.0010, -36.1310, 10.5330



183.0910, -45.0720, 12.8800



173.3920, -20.4540, 29.2900



114.3030, -5.2270, 1.1170



60.5330, -78.1310, 22.8050



19.0530, -24.7140, 7.3660

Previews

White Background



This preview shows how the YIQ color 217.9990, 36.1310, -10.5330 looks on a white background.

Color Contrast Check

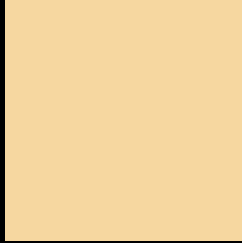
Large Text (above 18pt) WCAG AA × Fail

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 217.9990, 36.1310, -10.5330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

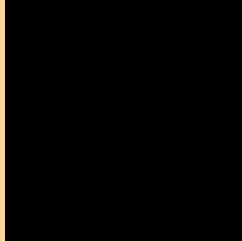
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.9990, 36.1310, -10.5330

Background



This preview shows how black text looks on a background with the YIQ color 217.9990, 36.1310, -10.5330.



This preview shows how white text looks on a background with the YIQ color 217.9990, 36.1310, -10.5330.

-10.5330.

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

217.9990, 36.1310, -10.5330

Protanopia

217.2860, 27.8330, -14.3350

Deuteranopia

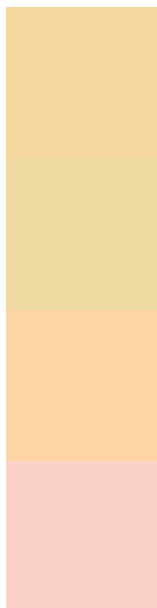
219.3680, 39.7060, -3.7340



Tritanopia

222.5780, 22.2800, 14.7280

Trichromacy



Original Color

217.9990, 36.1310, -10.5330

Protanomaly

217.7810, 30.8130, -13.2750

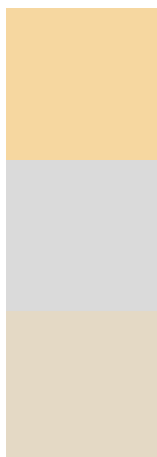
Deuteranomaly

218.7160, 38.6060, -5.8260

Tritanomaly

220.8200, 27.0500, 5.3700

Monochromacy



Original Color

217.9990, 36.1310, -10.5330

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.0090, 12.9760, -3.8880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.9990, 36.1310, -10.5330 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(246, 215, 160)` looks like.

```
.text, #text, p{  
    color:rgb(246, 215, 160)  
}
```

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(246, 215, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 215, 160) }
```

Border

The CSS property to change the border of an element to YIQ 217.9990, 36.1310, -10.5330 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(246, 215, 160) }
```


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

```
.border{ border-color:rgb(246, 215, 160) }
```

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

Here you see how a box with a 4 pixel rgb(246, 215, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 215, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 215, 160);  
box-shadow:4px 4px 4px 4px rgb(246, 215,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 217.9990, 36.1310, -10.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 215, 160) }
```

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

```
.background{ background-color: rgb(246,  
215, 160) }
```

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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