

Converting Colors

YIQ(228.3300, 33.7010,
-10.5470)

Have a look what the booklet for
YIQ(228.3300, 33.7010, -10.5470)
contains.

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Color

**YIQ(228.3300, 33.7010,
-10.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE2AD
RGB	254, 226, 173
RGB Percent	100%, 89%, 68%
CMY	0.0039, 0.1137, 0.3214
CMYK	0.00, 0.11, 0.32, 0.00
HSL	39°, 98%, 84%
HSV	39°, 32%, 100%
XYZ	75.6164, 78.4775, 50.7200
YIQ	228.3300, 33.7010, -10.5470

Conversions

Conversions Part 2

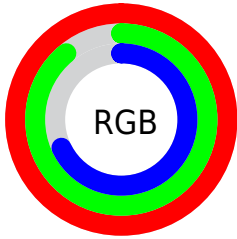
Format	Color
RYB	216, 254, 173
Decimal	16704173
CIELab	91.00, 2.10, 29.44
CIELCh	91, 29.516, 85.911
Yxy	78.4775, 0.3692, 0.3832
Android (android.graphics.Color)	4294894253 (0xFFFE2AD)
YUV	228.3300, -27.2777, 22.5126
Hunter-Lab	88.5875, -2.6644, 28.0653

Details

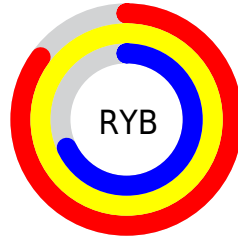
The YIQ color $228.3300, 33.7010, -10.5470$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $198.6700, -33.7010, 10.5470$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.0360, 8.3460, -8.0860$, and $172.6610, 31.2710, -10.5610$ is the 20% darker color. If you saturate the color by 10%, you get $220.1970, 44.2010, -13.6150$, and if you desaturate by 10%, it is $236.4630, 23.2010, -7.4790$.

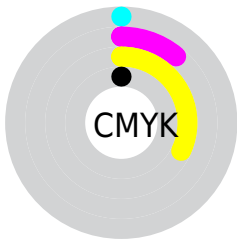
Distribution



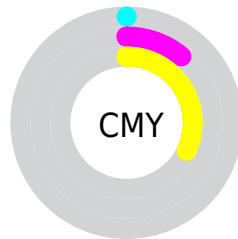
- Red (100%)
- Green (89%)
- Blue (68%)



- Red (85%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (11%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (11%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 228.3300, 33.7010, -10.5470 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 228.3300, 33.7010, -10.5470 by changing the saturation by 10% instead.


 228.3300, 33.7010,
-10.5470

 228.3300, 33.7010,
-10.5470


255.0000, -0.0000,
-0.0000


 200.1450, 32.7840,
-10.4480


 252.0360, 8.3460,
-8.0860

 172.6610, 31.2710,
-10.5610

 145.5900, 30.0330,
-10.1510

 120.1060, 28.5200,
-10.2640

 95.0350, 27.2820,
-9.8540

 71.1380, 25.4940,
-10.4900

 47.4260, 24.6230,

-11.2250

■ 28.3960, 16.1400,
-6.1640

■ 4.4630, 6.0060,
1.2860

■ 228.3300, 33.7010,
-10.5470

■ 228.3300, 33.7010,
-10.5470

■ 220.1970, 44.2010,
-13.6150

■ 236.4630, 23.2010,
-7.4790

■ 211.9500, 55.0220,
-16.9940

■ 244.7100, 12.3800,
-4.1000

■ 204.4040, 65.2470,
-20.5850

■ 252.2560, 2.1550,
-0.5090

■ 196.1570, 76.0680,
-23.9640

■ 254.7010, -0.5960,
-0.2120

■ 188.0240, 86.5680,
-27.0320

■ 179.8910, 97.0680,
-30.1000

■ 173.3880,
105.7340, -32.9700

Harmonies

Analogous

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



224.4860, 33.5620, -2.5180



228.3300, 33.7010, -10.5470



225.2130, 11.7410, -20.0590

Triad

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



228.3300, 33.7010, -10.5470



216.9090, -60.3800, -18.0760



230.9330, 11.2750, 21.4430

Complementary

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



228.3300, 33.7010, -10.5470



198.6700, -33.7010, 10.5470

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.



228.4420, -6.6960, 11.2240



228.3300, 33.7010, -10.5470



217.7790, -53.9620, -13.2420

Square

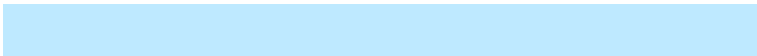
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.3300, 33.7010, -10.5470



218.0880, -42.1310, -23.9150



222.6510, -32.6900, -2.2740



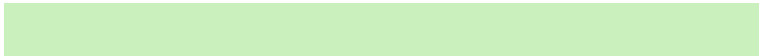
225.6040, 19.3910, 17.5270

Rectangle

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



228.3300, 33.7010, -10.5470



222.8240, -6.2770, -23.9170



222.6510, -32.6900, -2.2740



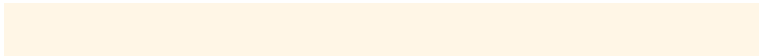
231.7970, 8.6620, 19.2380

Sweetspot

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



228.3300, 33.7010, -10.5470



246.8670, 10.5000, -3.0680



200.4110, 39.2880, 25.8800



122.6540, 6.7860, -1.8380



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

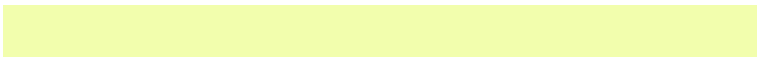
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.3300, 33.7010, -10.5470



223.9840, 40.4870, -12.3850



241.1780, 18.8490, -27.7350



123.5830, 5.5480, -1.4280



130.4840, 79.4610, -24.8830



43.7900, 26.5940, -8.3980

Inverse Universe

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



198.6700, -33.7010, 10.5470



189.0160, -40.4870, 12.3850



185.8220, -18.8490, 27.7350



118.8300, -5.2730, 1.9510



60.5160, -79.4610, 24.8830



20.2100, -26.5940, 8.3980

Previews

White Background



This preview shows how the YIQ color 228.3300, 33.7010, -10.5470 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 228.3300, 33.7010, -10.5470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

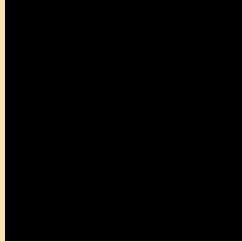
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.3300, 33.7010, -10.5470

Background



This preview shows how black text looks on a background with the YIQ color 228.3300, 33.7010, -10.5470.



This preview shows how white text looks on a background with the YIQ color 228.3300, 33.7010, -10.5470.

-10.5470.

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

228.3300, 33.7010, -10.5470

Protanopia

227.5140, 27.1910, -13.7130

Deuteranopia

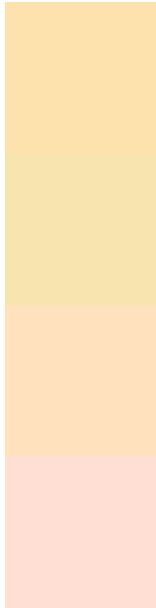
230.3050, 26.8220, -1.5140



Tritanopia

232.0610, 16.3660, 11.7740

Trichromacy



Original Color

228.3300, 33.7010, -10.5470

Protanomaly

227.8240, 29.2540, -12.5540

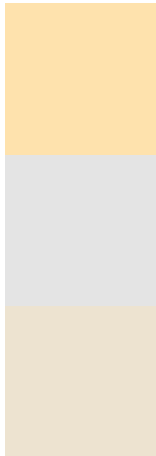
Deuteranomaly

229.8660, 29.4360, -4.8360

Tritanomaly

230.7270, 22.8780, 3.8860

Monochromacy



Original Color

228.3300, 33.7010, -10.5470

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.8240, 12.0590, -3.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.3300, 33.7010, -10.5470 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(254, 226, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 226, 173)  
}
```

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(254, 226, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 226, 173) }
```

Border

The CSS property to change the border of an element to YIQ 228.3300, 33.7010, -10.5470 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(254, 226, 173) }
```


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

```
.border{ border-color:rgb(254, 226, 173) }
```

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

Here you see how a box with a 4 pixel rgb(254, 226, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 226, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 226, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 226,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 228.3300, 33.7010, -10.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 226, 173) }
```

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

```
.background{ background-color: rgb(254,  
226, 173) }
```

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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