

Converting Colors

YIQ(218.6290, 34.2970,
-10.3350)

Have a look what the booklet for
YIQ(218.6290, 34.2970, -10.3350)
contains.

YIQ(218.6290, 34.2970, -10.3350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(218.6290, 34.2970,
-10.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D8A3
RGB	245, 216, 163
RGB Percent	96%, 85%, 64%
CMY	0.0392, 0.1530, 0.3606
CMYK	0.00, 0.12, 0.33, 0.04
HSL	39°, 80%, 80%
HSV	39°, 33%, 96%
XYZ	68.8270, 71.1655, 44.7803
YIQ	218.6290, 34.2970, -10.3350

Conversions

Conversions Part 2

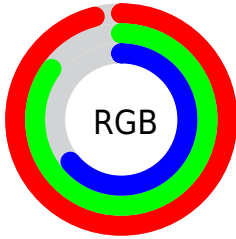
Format	Color
R _Y B	208, 245, 163
Decimal	16111779
CIE Lab	87.57, 2.59, 29.83
CIE LCh	88, 29.941, 85.029
Yxy	71.1655, 0.3725, 0.3852
Android (android.graphics.Color)	4294301859 (0xFF5D8A3)
YUV	218.6290, -27.4251, 23.1274
Hunter-Lab	84.3597, -1.9955, 27.5791

Details

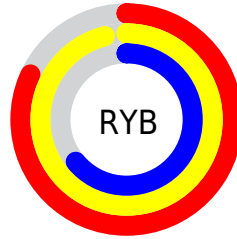
The YIQ color **218.6290, 34.2970, -10.3350** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **189.3710, -34.2970, 10.3350**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **250.7820, 11.8770, -11.5070**, and **163.3730, 32.1420, -9.8260** is the 20% darker color. If you saturate the color by 10%, you get **210.6100, 44.4760, -13.0920**, and if you desaturate by 10%, it is **226.7620, 23.7970, -7.2670**.

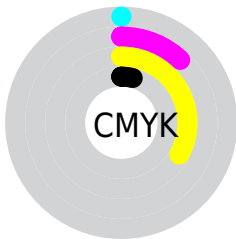
Distribution



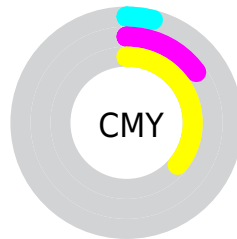
- Red (96%)
- Green (85%)
- Blue (64%)



- Red (82%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 218.6290, 34.2970, -10.3350 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 218.6290, 34.2970, -10.3350 by changing the saturation by 10% instead.


 218.6290, 34.2970,
-10.3350


 218.6290, 34.2970,
-10.3350


255.0000, -0.0000,
-0.0000


 190.5580, 33.0590,
-9.9250


 250.7820, 11.8770,
-11.5070


 163.3730, 32.1420,
-9.8260

 254.0880, 2.5680,
-2.4880

 136.8890, 30.6290,
-9.9390

 111.4050, 29.1160,
-10.0520

 86.9210, 27.6030,
-10.1650

 63.1380, 25.4940,
-10.4900

 41.1100, 22.6970,

-9.3590

■ 22.1940, 13.8930,
-3.9870

■ 0.0000, 0.0000,
0.0000

■ 218.6290, 34.2970,
-10.3350

■ 218.6290, 34.2970,
-10.3350

■ 210.6100, 44.4760,
-13.0920

■ 226.7620, 23.7970,
-7.2670

■ 203.0640, 54.7010,
-16.6830

■ 234.1940, 13.8930,
-3.9870

■ 195.0450, 64.8800,
-19.4400

■ 242.3270, 3.3930,
-0.9190

■ 186.9120, 75.3800,
-22.5080

■ 249.6620, -4.8600,
-0.0280

■ 179.4800, 85.2840,
-25.7880

■ 252.0100, -5.9600,
-2.1200

■ 171.3470, 95.7840,
-28.8560

■ 166.0010,
102.5700, -30.6940

Harmonies

Analogous

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



217.5900, 39.2010, -0.0870



218.6290, 34.2970, -10.3350



215.3980, 12.6580, -20.1580

Triad

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



218.6290, 34.2970, -10.3350



206.1970, -61.2510, -18.8110



224.4110, 12.9250, 24.5810

Complementary

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



218.6290, 34.2970, -10.3350



189.3710, -34.2970, 10.3350

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.



219.8700, -10.7770, 13.5990



218.6290, 34.2970, -10.3350



208.3210, -58.3640, -10.5560

Square

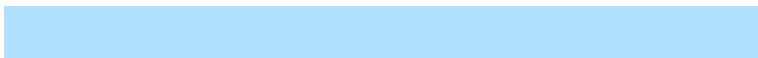
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.6290, 34.2970, -10.3350



208.0880, -42.1310, -23.9150



213.7800, -37.3670, -0.1110



218.7080, 25.0300, 19.9580

Rectangle

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



218.6290, 34.2970, -10.3350



213.1230, -5.6810, -23.7050



213.7800, -37.3670, -0.1110



222.9370, 5.4520, 22.3480

Sweetspot

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



218.6290, 34.2970, -10.3350



246.8670, 10.5000, -3.0680



190.9380, 39.2420, 26.7140



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.



218.6290, 34.2970, -10.3350



222.2400, 42.6420, -12.8940



232.3630, 19.7660, -27.8340



118.2840, 4.9520, -1.6400



126.0540, 77.8560, -23.3280



39.9470, 24.7140, -7.3660

Inverse Universe

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



189.3710, -34.2970, 10.3350



185.7600, -42.6420, 12.8940



175.6370, -19.7660, 27.8340



113.7160, -4.9520, 1.6400



59.9460, -77.8560, 23.3280



19.0530, -24.7140, 7.3660

Previews

White Background



This preview shows how the YIQ color 218.6290, 34.2970, -10.3350 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 218.6290, 34.2970, -10.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

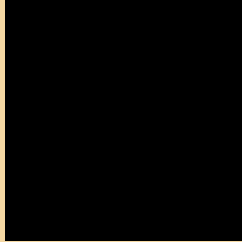
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.6290, 34.2970, -10.3350

Background



This preview shows how black text looks on a background with the YIQ color 218.6290, 34.2970, -10.3350.



This preview shows how white text looks on a background with the YIQ color 218.6290, 34.2970, -10.3350.

-10.3350.

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

218.6290, 34.2970, -10.3350

Protanopia

217.6280, 26.8700, -13.4020

Deuteranopia

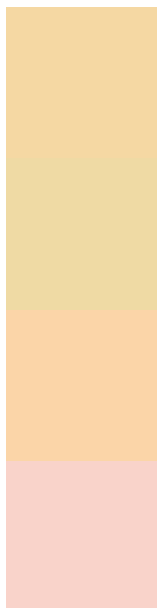
220.1830, 38.7890, -3.6350



Tritanopia

222.9800, 21.0880, 14.3040

Trichromacy



Original Color

218.6290, 34.2970, -10.3350

Protanomaly

218.1230, 29.8500, -12.3420

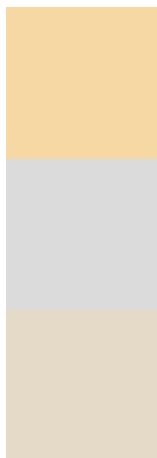
Deuteranomaly

219.2320, 37.0930, -5.9390

Tritanomaly

221.3360, 25.5370, 5.2570

Monochromacy



Original Color

218.6290, 34.2970, -10.3350

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.8240, 12.0590, -3.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.6290, 34.2970, -10.3350 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, 216, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 216, 163)  
}
```

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, 216, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 216, 163) }
```

Border

The CSS property to change the border of an element to YIQ 218.6290, 34.2970, -10.3350 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, 216, 163) }
```


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

```
.border{ border-color:rgb(245, 216, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 216, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 216, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 216, 163); box-shadow:4px 4px 4px 4px rgb(245, 216, 163) }
```

Background

The CSS property to change the background color of an element to YIQ 218.6290, 34.2970, -10.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 216, 163) }
```

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

```
.background{ background-color: rgb(245,  
216, 163) }
```

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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