

Converting Colors

YIQ(201.3030, 38.3310, -6.3490)

Have a look what the booklet for
YIQ(201.3030, 38.3310, -6.3490)
contains.

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Color

**YIQ(201.3030, 38.3310,
-6.3490)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EAC394 |
| RGB | 234, 195, 148 |
| RGB Percent | 92%, 76%, 58% |
| CMY | 0.0823, 0.2353, 0.4194 |
| CMYK | 0.00, 0.17, 0.37, 0.08 |
| HSL | 33°, 67%, 75% |
| HSV | 33°, 37%, 92% |
| XYZ | 58.7975, 58.6576, 36.2600 |
| YIQ | 201.3030, 38.3310, -6.3490 |

Conversions

Conversions Part 2

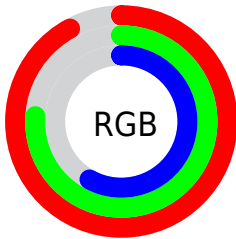
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 219, 234, 148 |
| Decimal | 15385492 |
| CIE Lab | 81.10, 7.49, 28.79 |
| CIE LCh | 81, 29.748, 75.425 |
| Yxy | 58.6576, 0.3825, 0.3816 |
| Android (android.graphics.Color) | 4293575572 (0xFFEAC394) |
| YUV | 201.3030, -26.2784, 28.6753 |
| Hunter-Lab | 76.5883, 3.0066, 25.5415 |

Details

The YIQ color $201.3030, 38.3310, -6.3490$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $180.6970, -38.3310, 6.3490$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.6100, 18.1130, -14.3910$, and $146.7480, 35.5800, -6.0520$ is the 20% darker color. If you saturate the color by 10%, you get $192.2240, 48.7390, -7.7490$, and if you desaturate by 10%, it is $210.3820, 27.9230, -4.9490$.

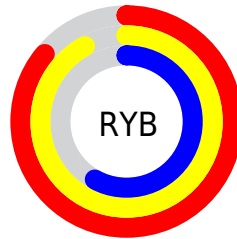
Distribution



Red (92%)

Green (76%)

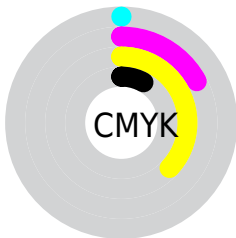
Blue (58%)



Red (86%)

Yellow (92%)

Blue (58%)

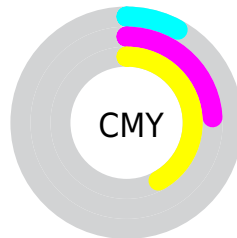


Cyan (0%)

Magenta (17%)

Yellow (37%)

Black (8%)



Cyan (8%)

Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.3030, 38.3310, -6.3490 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 201.3030, 38.3310, -6.3490 by changing the saturation by 10% instead.

201.3030, 38.3310,
-6.3490

201.3030, 38.3310,
-6.3490

255.0000, -0.0000,
-0.0000

173.8190, 36.8180,
-6.4620

246.6100, 18.1130,
-14.3910

146.7480, 35.5800,
-6.0520

252.2640, 7.7040,
-7.4640

120.9650, 33.4710,
-6.3770

95.4810, 31.9580,
-6.4900

71.6980, 29.8490,
-6.8150

48.5730, 28.7030,
-8.0730

28.4290, 20.5410,

-3.3230

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

■ 201.3030, 38.3310,
-6.3490

■ 201.3030, 38.3310,
-6.3490

■ 192.2240, 48.7390,
-7.7490

■ 210.3820, 27.9230,
-4.9490

■ 183.6180, 59.1930,
-9.9830

■ 218.9880, 17.4690,
-2.7150

■ 174.5390, 69.6010,
-11.3830

■ 228.0670, 7.0610,
-1.3150

■ 165.3460, 80.3300,
-13.0940

■ 236.6730, -3.3930,
0.9190

■ 156.8540, 90.4630,
-15.0170

■ 244.6120,
-10.5910, -0.7910

■ 147.7750,
100.8710, -16.4170

■ 248.7210,
-12.5160, -4.4520

■ 145.1020,
104.2640, -17.3360

Harmonies

Analogous

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



203.1120, 46.7190, 6.8390



201.3030, 38.3310, -6.3490



198.3990, 20.0850, -17.0910

Triad

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



201.3030, 38.3310, -6.3490



188.0680, -56.5740, -20.9740



205.0940, 3.5720, 23.3800

Complementary

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



201.3030, 38.3310, -6.3490



180.6970, -38.3310, 6.3490

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.



201.7960, -25.1280, 14.8720



201.3030, 38.3310, -6.3490



189.1570, -63.7740, -11.6300

Square

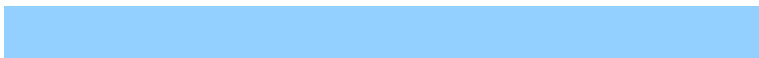
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



201.3030, 38.3310, -6.3490



191.0520, -33.2820, -24.5940



195.4180, -50.8470, 1.8970



206.1970, 28.1470, 24.0430

Rectangle

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



201.3030, 38.3310, -6.3490



195.9670, 3.6260, -21.6700



195.4180, -50.8470, 1.8970



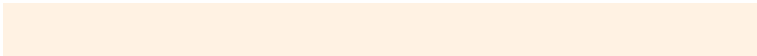
204.8370, -6.0100, 20.8220

Sweetspot

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



201.3030, 38.3310, -6.3490



244.1770, 12.5630, -1.9090



178.2740, 38.4160, 30.6720



121.3660, 7.6570, -1.1030



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.



201.3030, 38.3310, -6.3490



212.2950, 49.9770, -8.1590



223.2990, 25.8180, -27.3820



112.8110, 4.9060, -0.8060



112.2320, 80.6510, -13.4050



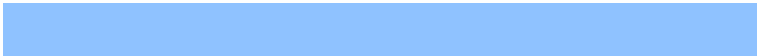
33.1690, 24.2090, -3.7190

Inverse Universe

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



180.6970, -38.3310, 6.3490



185.7050, -49.9770, 8.1590



158.7010, -25.8180, 27.3820



110.1890, -4.9060, 0.8060



68.7680, -80.6510, 13.4050



20.2440, -23.9340, 4.2420

Previews

White Background



This preview shows how the YIQ color 201.3030, 38.3310, -6.3490 looks on a white background.

Color Contrast Check

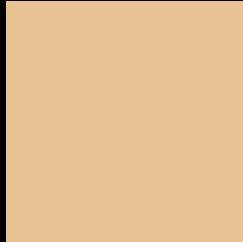
Large Text (above 18pt) WCAG AA × Fail

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 201.3030, 38.3310, -6.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

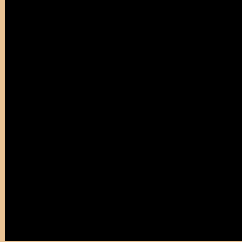
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.3030, 38.3310, -6.3490

Background



This preview shows how black text looks on a background with the YIQ color 201.3030, 38.3310, -6.3490.



This preview shows how white text looks on a background with the YIQ color 201.3030, 38.3310,

-6.3490.

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

201.3030, 38.3310, -6.3490

Protanopia

199.7850, 24.9900, -12.3700

Deuteranopia

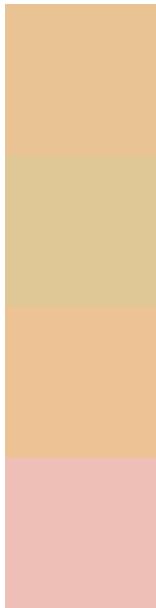
201.3250, 41.2650, -4.4550



Tritanopia

205.1440, 26.4980, 15.3780

Trichromacy



Original Color

201.3030, 38.3310, -6.3490

Protanomaly

200.5900, 30.0330, -10.1510

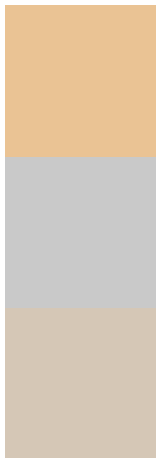
Deuteranomaly

201.6130, 40.3940, -5.1900

Tritanomaly

204.0270, 30.9010, 7.1650

Monochromacy



Original Color

201.3030, 38.3310, -6.3490

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.2480, 13.8010, -2.3190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.3030, 38.3310, -6.3490 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(234, 195, 148)` looks like.

```
.text, #text, p{  
    color:rgb(234, 195, 148)  
}
```

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(234, 195, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 148) }
```

Border

The CSS property to change the border of an element to YIQ 201.3030, 38.3310, -6.3490 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(234, 195, 148) }
```


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

```
.border{ border-color:rgb(234, 195, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 195, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 195, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 195, 148);  
box-shadow:4px 4px 4px 4px rgb(234, 195,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 201.3030, 38.3310, -6.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 148) }
```

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

```
.background{ background-color: rgb(234,  
195, 148) }
```

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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