

Converting Colors

YIQ(220.0480, 34.4350,
-12.8370)

Have a look what the booklet for
YIQ(220.0480, 34.4350, -12.8370)
contains.

YIQ(220.0480, 34.4350, -12.8370)	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(220.0480, 34.4350,
-12.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DBA0
RGB	245, 219, 160
RGB Percent	96%, 86%, 63%
CMY	0.0392, 0.1412, 0.3724
CMYK	0.00, 0.11, 0.35, 0.04
HSL	42°, 81%, 79%
HSV	42°, 35%, 96%
XYZ	69.3363, 72.6106, 43.6399
YIQ	220.0480, 34.4350, -12.8370

Conversions

Conversions Part 2

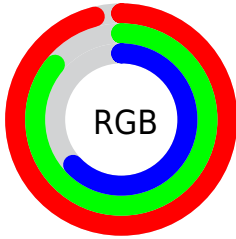
Format	Color
RYB	197, 245, 160
Decimal	16112544
CIELab	88.26, 0.70, 32.30
CIELCh	88, 32.310, 88.762
Yxy	72.6106, 0.3736, 0.3912
Android (android.graphics.Color)	4294302624 (0xFFFF5DBA0)
YUV	220.0480, -29.6037, 21.8829
Hunter-Lab	85.2118, -3.8765, 29.2839

Details

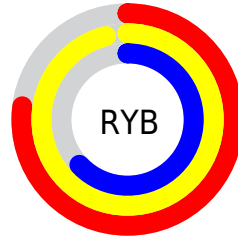
The YIQ color $220.0480, 34.4350, -12.8370$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $184.9520, -34.4350, 12.8370$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.4400, 12.8400, -12.4400$, and $164.7920, 32.2800, -12.3280$ is the 20% darker color. If you saturate the color by 10%, you get $212.6160, 44.3390, -16.1170$, and if you desaturate by 10%, it is $227.0070, 24.4850, -8.7230$.

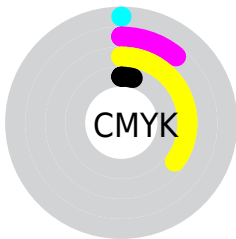
Distribution



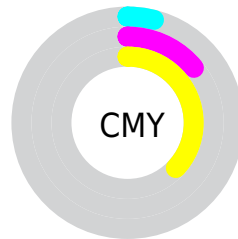
- Red (96%)
- Green (86%)
- Blue (63%)



- Red (77%)
- Yellow (96%)
- Blue (63%)



- Cyan (0%)
- Magenta (11%)
- Yellow (35%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.0480, 34.4350, -12.8370 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 220.0480, 34.4350, -12.8370 by changing the saturation by 10% instead.


 220.0480, 34.4350,
-12.8370


 220.0480, 34.4350,
-12.8370


255.0000, -0.0000,
-0.0000


 191.9770, 33.1970,
-12.4270


 250.4400, 12.8400,
-12.4400


 164.7920, 32.2800,
-12.3280

 253.7460, 3.5310,
-3.4210

 138.3080, 30.7670,
-12.4410

 112.8240, 29.2540,
-12.5540

 87.4540, 27.4200,
-12.3560

 63.8560, 26.2280,
-12.7800

 42.2840, 22.1470,

-10.4050

■ 23.0690, 12.7470,
-5.2450

■ 0.0000, 0.0000,
0.0000

■ 220.0480, 34.4350,
-12.8370

■ 220.0480, 34.4350,
-12.8370

■ 212.6160, 44.3390,
-16.1170

■ 227.0070, 24.4850,
-8.7230

■ 205.6570, 54.2890,
-20.2310

■ 234.4390, 14.5810,
-5.4430

■ 198.2250, 64.1930,
-23.5110

■ 241.3980, 4.6310,
-1.3290

■ 191.2660, 74.1430,
-27.6250

■ 248.4880, -4.3100,
1.0180

■ 183.8340, 84.0470,
-30.9050

■ 252.0100, -5.9600,
-2.1200

■ 176.8750, 93.9970,
-35.0190

■ 173.0450, 99.2700,
-36.9700

Harmonies

Analogous

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



218.3080, 39.9350, -2.3770



220.0480, 34.4350, -12.8370



216.8490, 9.7700, -22.8860

Triad

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



220.0480, 34.4350, -12.8370



206.7770, -68.8160, -19.3760



224.9490, 14.3460, 26.3620

Complementary

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



220.0480, 34.4350, -12.8370



184.9520, -34.4350, 12.8370

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.



221.6640, -7.2010, 14.8710



220.0480, 34.4350, -12.8370



208.5980, -60.7020, -12.2380

Square

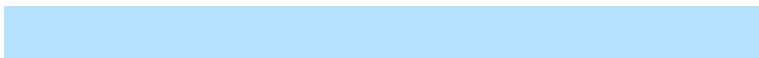
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.0480, 34.4350, -12.8370



208.6140, -49.6040, -26.1480



215.2640, -35.8540, 0.0020



218.5940, 25.3510, 19.6470

Rectangle

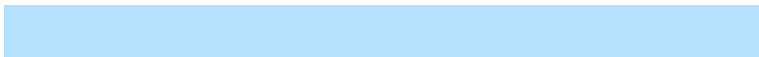
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.0480, 34.4350, -12.8370



213.8020, -9.2110, -25.8110



215.2640, -35.8540, 0.0020



225.0300, 9.6240, 23.8320

Sweetspot

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



220.0480, 34.4350, -12.8370



247.4540, 10.2250, -3.5910



188.4930, 41.9930, 26.4170



123.2410, 6.5110, -2.3610



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.



220.0480, 34.4350, -12.8370



223.4310, 43.4220, -16.0180



230.5260, 17.7490, -29.8270



118.8710, 4.6770, -2.1630



131.3370, 75.3810, -28.0350



41.7080, 23.8890, -8.9350

Inverse Universe

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



184.9520, -34.4350, 12.8370



179.5690, -43.4220, 16.0180



174.4740, -17.7490, 29.8270



113.7160, -4.9520, 1.6400



54.6630, -75.3810, 28.0350



17.2920, -23.8890, 8.9350

Previews

White Background



This preview shows how the YIQ color 220.0480, 34.4350, -12.8370 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 220.0480, 34.4350, -12.8370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

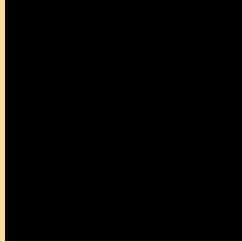
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.0480, 34.4350, -12.8370

Background



This preview shows how black text looks on a background with the YIQ color 220.0480, 34.4350, -12.8370.



This preview shows how white text looks on a background with the YIQ color 220.0480, 34.4350,

-12.8370.

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

220.0480, 34.4350, -12.8370

Protanopia

219.2430, 29.3920, -15.0560

Deuteranopia

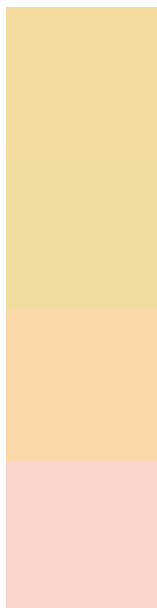
221.8130, 36.9550, -3.4370



Tritanopia

224.4960, 19.5750, 14.1910

Trichromacy



Original Color

220.0480, 34.4350, -12.8370

Protanomaly

219.5530, 31.4550, -13.8970

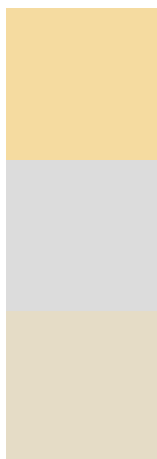
Deuteranomaly

221.2210, 35.6260, -6.8860

Tritanomaly

222.6240, 24.6660, 4.5220

Monochromacy



Original Color

220.0480, 34.4350, -12.8370

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.1830, 12.4260, -4.9340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.0480, 34.4350, -12.8370 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, 219, 160)` looks like.

```
.text, #text, p{  
    color:rgb(245, 219, 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(245, 219, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 219, 160) }
```

Border

The CSS property to change the border of an element to YIQ 220.0480, 34.4350, -12.8370 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, 219, 160) }
```


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

```
.border{ border-color:rgb(245, 219, 160) }
```

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

Here you see how a box with a 4 pixel rgb(245, 219, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 219, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 219, 160);  
box-shadow:4px 4px 4px 4px rgb(245, 219,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 220.0480, 34.4350, -12.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 219, 160) }
```

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

```
.background{ background-color: rgb(245,  
219, 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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