

Converting Colors

YIQ(219.3780, 32.6050,
-34.7470)

Have a look what the booklet for
YIQ(219.3780, 32.6050, -34.7470)
contains.

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Color

**YIQ(219.3780, 32.6050,
-34.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E97C
RGB	229, 233, 124
RGB Percent	90%, 91%, 49%
CMY	0.1020, 0.0862, 0.5135
CMYK	0.02, 0.00, 0.47, 0.09
HSL	62°, 71%, 70%
HSV	62°, 47%, 91%
XYZ	65.0877, 76.3900, 30.4011
YIQ	219.3780, 32.6050, -34.7470

Conversions

Conversions Part 2

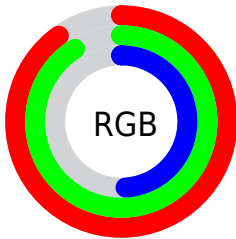
Format	Color
RYB	124, 233, 128
Decimal	15067516
CIELab	90.04, -16.36, 52.11
CIELCh	90, 54.615, 107.426
Yxy	76.3900, 0.3787, 0.4444
Android (android.graphics.Color)	4293257596 (0xFFE5E97C)
YUV	219.3780, -47.0214, 8.4385
Hunter-Lab	87.4014, -20.0238, 40.5579

Details

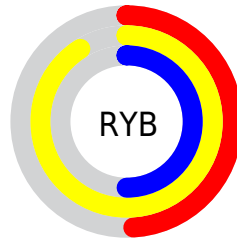
The YIQ color $219.3780, 32.6050, -34.7470$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $137.6220, -32.6050, 34.7470$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3360, 24.3960, -23.6360$, and $163.4210, 31.0460, -34.0260$ is the 20% darker color. If you saturate the color by 10%, you get $216.4570, 39.3920, -42.1120$, and if you desaturate by 10%, it is $222.2990, 25.8180, -27.3820$.

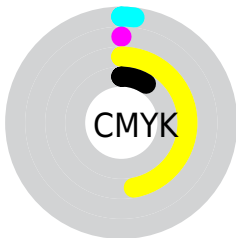
Distribution



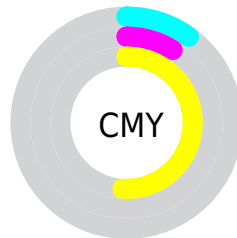
- Red (90%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (50%)



- Cyan (2%)
- Magenta (0%)
- Yellow (47%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.3780, 32.6050, -34.7470 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 219.3780, 32.6050, -34.7470 by changing the saturation by 10% instead.

■ 219.3780, 32.6050,
-34.7470

■ 219.3780, 32.6050,
-34.7470

■ 255.0000, -0.0000,
-0.0000

■ 191.3070, 31.3670,
-34.3370

■ 246.3360, 24.3960,
-23.6360

■ 163.4210, 31.0460,
-34.0260

■ 249.5280, 15.4080,
-14.9280

■ 136.8230, 29.8540,
-34.4500

■ 252.8340, 6.0990,
-5.9090

■ 109.9540, 30.8630,
-36.2170

■ 85.6100, 26.1400,
-33.2200

■ 64.0470, 17.8400,
-25.9680

■ 43.3590, 8.3940,

-19.9740

■ 23.2580, -1.3270,
-14.5030

■ 0.0000, 0.0000,
0.0000

■ 219.3780, 32.6050,
-34.7470

■ 219.3780, 32.6050,
-34.7470

■ 216.4570, 39.3920,
-42.1120

■ 222.2990, 25.8180,
-27.3820

■ 213.4220, 46.5000,
-49.7880


■ 225.3340, 18.7100,
-19.7060


■ 210.5010, 53.2870,
-57.1530


■ 228.2550, 11.9230,
-12.3410

■ 207.8790, 60.6700,
-64.3060


■ 230.8770, 4.5400,
-5.1880


 204.9580, 67.4570,
-71.6710


 233.9120, -2.5680,
2.4880

 203.7470, 69.4290,
-74.3710

 235.8070, -6.4660,
7.0540

 236.1060, -5.8700,
7.2660

 236.4050, -5.2740,
7.4780

 236.7040, -4.6780,
7.6900

Harmonies

Analogous

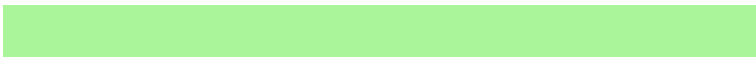
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.1730, 52.7760, -20.3440



219.3780, 32.6050, -34.7470



212.2010, -15.4890, -44.2010

Triad

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



219.3780, 32.6050, -34.7470



175.2330, -150.3300, -50.9220



214.6280, 19.9840, 34.3200

Complementary

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



219.3780, 32.6050, -34.7470



137.6220, -32.6050, 34.7470

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.



223.3020, 14.8500, 28.2420



219.3780, 32.6050, -34.7470



196.2840, -92.4730, -25.6650

Square

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



219.3780, 32.6050, -34.7470



178.1680, -151.7050, -53.5370



217.7000, -25.2180, 5.4860



207.4120, 37.5470, 18.8830

Rectangle

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



219.3780, 32.6050, -34.7470



204.9050, -55.6980, -47.8740



217.7000, -25.2180, 5.4860



216.8450, 17.8750, 33.9950

Sweetspot

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



219.3780, 32.6050, -34.7470



250.5970, 10.9600, -11.4080



158.9390, 63.8640, 21.0160



125.1930, 6.4660, -7.0540



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.



219.3780, 32.6050, -34.7470



237.2030, 42.9230, -45.5330



203.2320, 0.4210, -46.1950



115.7460, 3.5310, -3.4210



158.2730, 53.9290, -57.7750



47.2460, 16.1420, -17.2180

Inverse Universe

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



137.6220, -32.6050, 34.7470



129.7970, -42.9230, 45.5330



153.7680, -0.4210, 46.1950



107.2540, -3.5310, 3.4210



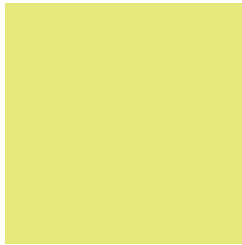
22.7270, -53.9290, 57.7750



6.7540, -16.1420, 17.2180

Previews

White Background



This preview shows how the YIQ color 219.3780, 32.6050, -34.7470 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 219.3780, 32.6050, -34.7470 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 219.3780, 32.6050, -34.7470

Background



This preview shows how black text looks on a background with the YIQ color 219.3780, 32.6050, -34.7470.



This preview shows how white text looks on a background with the YIQ color 219.3780, 32.6050,

-34.7470.

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

219.3780, 32.6050, -34.7470

Protanopia

221.0210, 47.0920, -27.4680

Deuteranopia

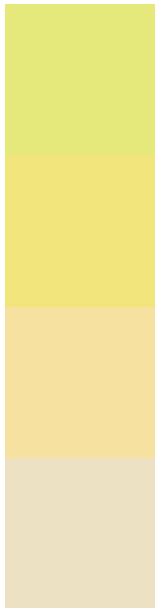
226.4920, 33.4250, -5.5430



Tritanopia

228.2170, 7.0590, 9.7390

Trichromacy



Original Color

219.3780, 32.6050, -34.7470

Protanomaly

220.8030, 41.7740, -30.2100

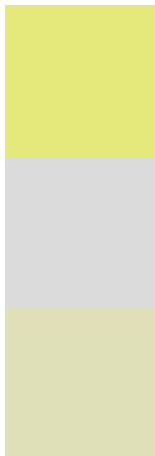
Deuteranomaly

223.8690, 33.3810, -15.7630

Tritanomaly

225.2820, 16.4610, -6.4750

Monochromacy



Original Color

219.3780, 32.6050, -34.7470

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.1410, 12.2440, -12.6520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.3780, 32.6050, -34.7470 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(229, 233, 124)` looks like.

```
.text, #text, p{  
    color:rgb(229, 233, 124)  
}
```

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(229, 233, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 233, 124) }
```

Border

The CSS property to change the border of an element to YIQ 219.3780, 32.6050, -34.7470 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(229, 233, 124) }
```


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

```
.border{ border-color:rgb(229, 233, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 233, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 233, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 233, 124);  
box-shadow:4px 4px 4px 4px rgb(229, 233,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 219.3780, 32.6050, -34.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 233, 124) }
```

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

```
.background{ background-color: rgb(229,  
233, 124) }
```

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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