

Converting Colors

YIQ(219.0190, 58.6010,
-32.3030)

Have a look what the booklet for
YIQ(219.0190, 58.6010, -32.3030)
contains.

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Color

**YIQ(219.0190, 58.6010,
-32.3030)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE063
RGB	255, 224, 99
RGB Percent	100%, 88%, 39%
CMY	0.0000, 0.1216, 0.6114
CMYK	0.00, 0.12, 0.61, 0.00
HSL	48°, 100%, 69%
HSV	48°, 61%, 100%
XYZ	70.1478, 75.4664, 22.6947
YIQ	219.0190, 58.6010, -32.3030

Conversions

Conversions Part 2

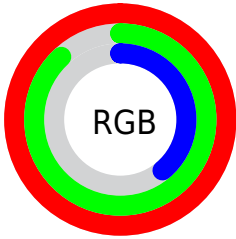
Format	Color
R _Y B	138, 255, 99
Decimal	16769123
CIE Lab	89.61, -3.37, 63.51
CIE LCh	90, 63.595, 93.037
Yxy	75.4664, 0.4168, 0.4484
Android (android.graphics.Color)	4294959203 (0xFFFFE063)
YUV	219.0190, -59.1694, 31.5553
Hunter-Lab	86.8714, -7.8879, 45.3208

Details

The YIQ color **219.0190, 58.6010, -32.3030** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **134.9810, -58.6010, 32.3030**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.4860, 32.4210, -31.4110**, and **162.4100, 55.9420, -33.6740** is the 20% darker color. If you saturate the color by 10%, you get **213.2340, 68.0010, -37.4630**, and if you desaturate by 10%, it is **224.9180, 48.8800, -26.8320**.

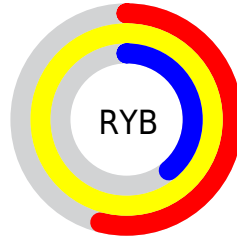
Distribution



Red (100%)

Green (88%)

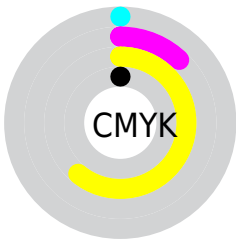
Blue (39%)



Red (54%)

Yellow (100%)

Blue (39%)

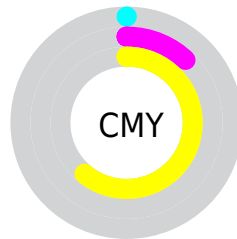


Cyan (0%)

Magenta (12%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.0190, 58.6010, -32.3030 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 219.0190, 58.6010, -32.3030 by changing the saturation by 10% instead.


 219.0190, 58.6010,
-32.3030


 219.0190, 58.6010,
-32.3030


255.0000, -0.0000,
-0.0000


 190.5350, 57.0880,
-32.4160


 243.4860, 32.4210,
-31.4110


 162.4100, 55.9420,
-33.6740


 246.6780, 23.4330,
-22.7030


 133.8030, 58.9690,
-38.9750

 249.9840, 14.1240,
-13.6840

 109.6420, 49.4770,
-32.1470

 253.2900, 4.8150,
-4.6650

 87.1820, 39.3890,
-25.5310

 65.6080, 29.6220,
-19.2260

 44.9200, 20.1760,

-13.2320

■ 25.1180, 11.0510,
-7.5490

■ 0.0000, 0.0000,
0.0000

■ 219.0190, 58.6010,
-32.3030

■ 219.0190, 58.6010,
-32.3030

■ 213.2340, 68.0010,
-37.4630

■ 224.9180, 48.8800,
-26.8320

■ 207.3350, 77.7220,
-42.9340

■ 230.7030, 39.4800,
-21.6720

■ 201.5500, 87.1220,
-48.0940

■ 236.6020, 29.7590,
-16.2010

■ 195.9930, 95.8800,
-52.6320

■ 242.3870, 20.3590,
-11.0410

■ 248.2860, 10.6380,
-5.5700

■ 254.0710, 1.2380,
-0.4100

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



208.1570, 58.8730, -15.1990



219.0190, 58.6010, -32.3030



212.4410, 9.9580, -48.3300

Triad

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



219.0190, 58.6010, -32.3030



178.1680, -151.7050, -53.5370



213.3230, 19.5250, 37.1330

Complementary

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



219.0190, 58.6010, -32.3030



134.9810, -58.6010, 32.3030

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.



221.7410, 3.0680, 21.5000



219.0190, 58.6010, -32.3030



173.4720, -149.5050, -49.3530

Square

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



219.0190, 58.6010, -32.3030



175.9050, -143.9550, -61.8350



202.0530, -69.4130, -14.0610



202.9900, 33.4640, 32.3120

Rectangle

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



219.0190, 58.6010, -32.3030



205.3080, -32.2680, -53.9960



202.0530, -69.4130, -14.0610



217.4320, 17.6000, 33.4720

Sweetspot

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



219.0190, 58.6010, -32.3030



244.4730, 17.2410, -9.5990



149.1780, 83.0250, 42.7130



121.1720, 10.9590, -5.8810



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.



219.0190, 58.6010, -32.3030



212.0770, 69.8810, -38.4950



223.1630, 22.0640, -58.4800



124.7570, 4.9980, -2.4740



146.9200, 71.7610, -39.5270



49.0730, 24.1190, -13.1050

Inverse Universe

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



134.9810, -58.6010, 32.3030



111.9230, -69.8810, 38.4950



130.8370, -22.0640, 58.4800



117.6560, -4.7230, 2.9970



44.0800, -71.7610, 39.5270



14.9270, -24.1190, 13.1050

Previews

White Background



This preview shows how the YIQ color 219.0190, 58.6010, -32.3030 looks on a white background.

Color Contrast Check

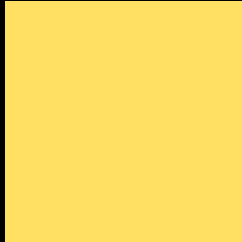
Large Text (above 18pt) WCAG AA × Fail

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 219.0190, 58.6010, -32.3030 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 219.0190, 58.6010, -32.3030

Background



This preview shows how black text looks on a background with the YIQ color 219.0190, 58.6010, -32.3030.



This preview shows how white text looks on a background with the YIQ color 219.0190, 58.6010,

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

219.0190, 58.6010, -32.3030

Protanopia

218.8120, 54.7500, -34.0980

Deuteranopia

225.2210, 35.6260, -6.8860



Tritanopia

228.2140, 20.3090, 11.9010

Trichromacy



Original Color

219.0190, 58.6010, -32.3030

Protanomaly

218.8230, 56.2170, -33.1510

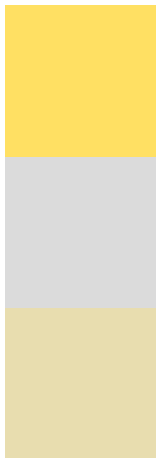
Deuteranomaly

222.7300, 44.0180, -15.8060

Tritanomaly

224.7310, 34.2500, -3.9740

Monochromacy



Original Color

219.0190, 58.6010, -32.3030

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.0450, 21.3220, -11.9740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.0190, 58.6010, -32.3030 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(255, 224, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 99)  
}
```

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(255, 224, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 99) }
```

Border

The CSS property to change the border of an element to YIQ 219.0190, 58.6010, -32.3030 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(255, 224, 99) }
```


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

```
.border{ border-color:rgb(255, 224, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 219.0190, 58.6010, -32.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 99) }
```

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

```
.background{ background-color: rgb(255,  
224, 99) }
```

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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