

Converting Colors

YIQ(229.7960, 51.6790,
-39.0170)

Have a look what the booklet for
YIQ(229.7960, 51.6790, -39.0170)
contains.

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Color

**YIQ(229.7960, 51.6790,
-39.0170)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF16A
RGB	255, 241, 106
RGB Percent	100%, 95%, 42%
CMY	0.0001, 0.0549, 0.5840
CMYK	0.00, 0.05, 0.58, 0.00
HSL	54°, 100%, 71%
HSV	54°, 58%, 100%
XYZ	75.2943, 85.2067, 26.1353
YIQ	229.7960, 51.6790, -39.0170

Conversions

Conversions Part 2

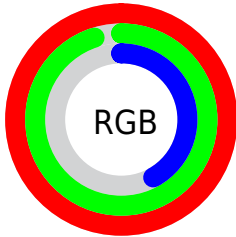
Format	Color
R_{YB}	121, 255, 106
Decimal	16773482
CIE _{Lab}	93.97, -11.38, 65.31
CIE _{LCh}	94, 66.296, 99.881
Yxy	85.2067, 0.4034, 0.4565
Android (android.graphics.Color)	4294963562 (0xFFFFF16A)
YUV	229.7960, -61.0314, 22.1039
Hunter-Lab	92.3075, -15.9373, 47.8283

Details

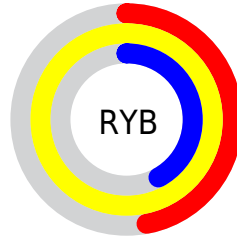
The YIQ color **229.7960, 51.6790, -39.0170** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **131.2040, -51.6790, 39.0170**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2840, 30.1740, -29.2340**, and **172.6000, 49.2950, -39.8650** is the 20% darker color. If you saturate the color by 10%, you get **225.7720, 60.2540, -45.7460**, and if you desaturate by 10%, it is **233.9340, 42.7830, -31.9770**.

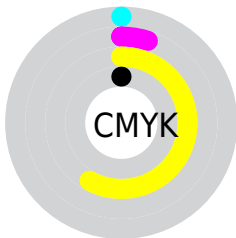
Distribution



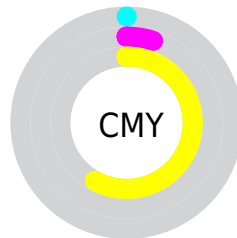
- Red (100%)
- Green (95%)
- Blue (42%)



- Red (47%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (5%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.7960, 51.6790, -39.0170 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 229.7960, 51.6790, -39.0170 by changing the saturation by 10% instead.

229.7960, 51.6790,
-39.0170

229.7960, 51.6790,
-39.0170

255.0000, -0.0000,
-0.0000

201.3120, 50.1660,
-39.1300

244.3980, 29.8530,
-28.9230

172.6000, 49.2950,
-39.8650

247.5900, 20.8650,
-20.2150

143.7480, 51.6340,
-43.7100

250.8960, 11.5560,
-11.1960

118.7460, 45.9480,
-39.7800

254.2020, 2.2470,
-2.1770

95.6990, 36.1350,
-32.6410

73.5380, 26.6430,
-25.8130

52.5510, 16.6010,

-20.0310

■ 32.1620, 7.7510,
-13.8250

■ 11.7400, -5.5000,
-10.4600

■ 229.7960, 51.6790,
-39.0170

■ 229.7960, 51.6790,
-39.0170

■ 225.7720, 60.2540,
-45.7460

■ 233.9340, 42.7830,
-31.9770

■ 221.0470, 69.4250,
-52.2630

■ 238.5450, 33.9330,
-25.7710

■ 217.0230, 78.0000,
-58.9920

■ 242.6830, 25.0370,
-18.7310

■ 212.2980, 87.1710,
-65.5090

■ 247.2940, 16.1870,
-12.5250

■ 211.8420, 88.4550,
-66.7530

■ 251.4320, 7.2910,
-5.4850

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

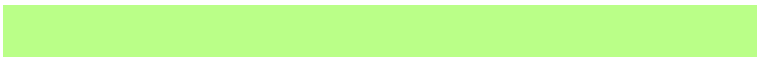
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.0220, 54.5190, -24.4010



229.7960, 51.6790, -39.0170



220.8030, -2.9250, -51.6370

Triad

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



229.7960, 51.6790, -39.0170



178.7550, -151.9800, -54.0600



216.8450, 17.8750, 33.9950

Complementary

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



229.7960, 51.6790, -39.0170



131.2040, -51.6790, 39.0170

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.



229.7590, 11.8250, 22.4890



229.7960, 51.6790, -39.0170



178.7550, -151.9800, -54.0600

Square

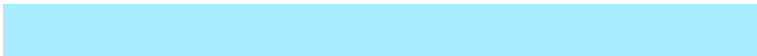
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.7960, 51.6790, -39.0170



178.7550, -151.9800, -54.0600



218.1220, -47.4980, -9.2420



208.6320, 31.3560, 26.4600

Rectangle

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



229.7960, 51.6790, -39.0170



207.1520, -49.3240, -53.2600



218.1220, -47.4980, -9.2420



220.9540, 15.9500, 30.3340

Sweetspot

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



229.7960, 51.6790, -39.0170



247.4080, 15.8660, -12.2140



152.2610, 83.9890, 36.2530



122.9330, 10.1340, -7.4500



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.



229.7960, 51.6790, -39.0170



224.7290, 61.8130, -46.4670



220.0740, 12.0690, -59.0590



125.3440, 4.7230, -2.9970



158.6600, 66.2610, -49.9870



53.1820, 22.1940, -16.7660

Inverse Universe

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



131.2040, -51.6790, 39.0170



106.6840, -61.5380, 46.9900



140.9260, -12.0690, 59.0590



117.0690, -4.4480, 3.5200



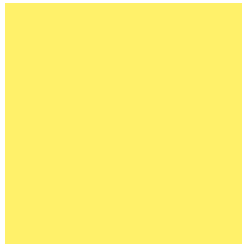
32.3400, -66.2610, 49.9870



10.8180, -22.1940, 16.7660

Previews

White Background



This preview shows how the YIQ color 229.7960, 51.6790, -39.0170 looks on a white background.

Color Contrast Check

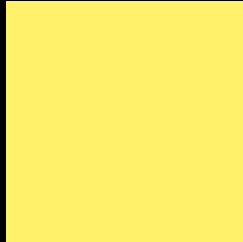
Large Text (above 18pt) WCAG AA × Fail

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 229.7960, 51.6790, -39.0170 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 229.7960, 51.6790, -39.0170

Background



This preview shows how black text looks on a background with the YIQ color 229.7960, 51.6790, -39.0170.



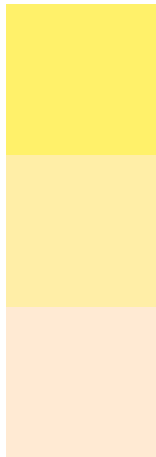
This preview shows how white text looks on a background with the YIQ color 229.7960, 51.6790, -39.0170.

-39.0170.

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

229.7960, 51.6790, -39.0170

Protanopia

234.9890, 32.9230, -18.4770

Deuteranopia

237.6570, 19.8990, -2.7010



Tritanopia

239.3160, 11.0940, 8.1980

Trichromacy



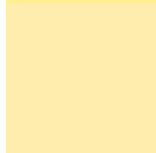
Original Color

229.7960, 51.6790, -39.0170



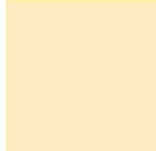
Protanomaly

233.0680, 39.7100, -25.8420



Deuteranomaly

235.0860, 31.2720, -16.0880



Tritanomaly

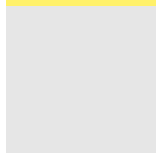
236.0780, 25.7230, -9.1330

Monochromacy



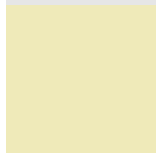
Original Color

229.7960, 51.6790, -39.0170



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

229.9090, 18.7090, -14.1790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.7960, 51.6790, -39.0170 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, 241, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 106)  
}
```

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, 241, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 106) }
```

Border

The CSS property to change the border of an element to YIQ 229.7960, 51.6790, -39.0170 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, 241, 106) }
```


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

```
.border{ border-color:rgb(255, 241, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 229.7960, 51.6790, -39.0170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 106) }
```

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

```
.background{ background-color: rgb(255,  
241, 106) }
```

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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