

Converting Colors

YIQ(212.2960, 37.9270,
-54.1130)

Have a look what the booklet for
YIQ(212.2960, 37.9270, -54.1130)
contains.

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Color

**YIQ(212.2960, 37.9270,
-54.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	D7ED4E
RGB	215, 237, 78
RGB Percent	84%, 93%, 31%
CMY	0.1570, 0.0705, 0.6938
CMYK	0.09, 0.00, 0.67, 0.07
HSL	68°, 82%, 62%
HSV	68°, 67%, 93%
XYZ	59.6774, 75.5658, 18.6612
YIQ	212.2960, 37.9270, -54.1130

Conversions

Conversions Part 2

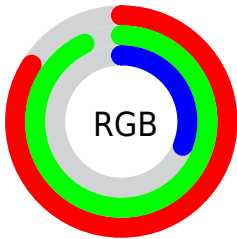
Format	Color
RYB	78, 237, 100
Decimal	14150990
CIELab	89.66, -27.27, 71.07
CIELCh	90, 76.127, 110.992
Yxy	75.5658, 0.3878, 0.4910
Android (android.graphics.Color)	4292341070 (0xFFD7ED4E)
YUV	212.2960, -66.2079, 2.3714
Hunter-Lab	86.9286, -29.5829, 48.1221

Details

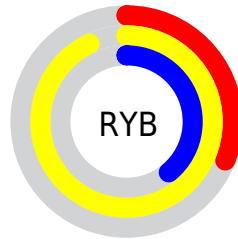
The YIQ color **212.2960, 37.9270, -54.1130** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **102.7040, -37.9270, 54.1130**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.3200, 38.5200, -37.3200**, and **153.1900, 43.7970, -61.3790** is the 20% darker color. If you saturate the color by 10%, you get **208.6630, 43.8430, -62.2130**, and if you desaturate by 10%, it is **215.9290, 32.0110, -46.0130**.

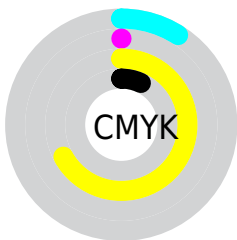
Distribution



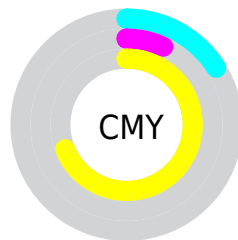
- Red (84%)
- Green (93%)
- Blue (31%)



- Red (31%)
- Yellow (93%)
- Blue (39%)



- Cyan (9%)
- Magenta (0%)
- Yellow (67%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.2960, 37.9270, -54.1130 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 212.2960, 37.9270, -54.1130 by changing the saturation by 10% instead.

■ 212.2960, 37.9270,
-54.1130

■ 212.2960, 37.9270,
-54.1130

■ 255.0000, -0.0000,
-0.0000

■ 183.6550, 38.2940,
-55.2580

■ 241.3200, 38.5200,
-37.3200

■ 153.1900, 43.7970,
-61.3790

■ 244.5120, 29.5320,
-28.6120

■ 128.6700, 33.9380,
-53.4060

■ 247.8180, 20.2230,
-19.5930

■ 105.0360, 24.4000,
-45.7440

■ 251.1240, 10.9140,
-10.5740

■ 82.2880, 15.1830,
-38.3930

■ 254.5440, 1.2840,
-1.2440

■ 59.8280, 5.0950,
-31.7770

■ 37.6560, -5.8640,

-25.8960

■ 20.5450, -9.6250,
-18.3050

■ 0.0000, 0.0000,
0.0000

■ 212.2960, 37.9270,
-54.1130

■ 212.2960, 37.9270,
-54.1130

■ 208.6630, 43.8430,
-62.2130

■ 215.9290, 32.0110,
-46.0130

■ 204.8450, 48.8420,
-70.2140

■ 219.7470, 27.0120,
-38.0120

■ 201.2120, 54.7580,
-78.3140

■ 223.3800, 21.0960,
-29.9120

■ 200.1150, 56.4090,
-80.7030

■ 227.0130, 15.1800,
-21.8120

■ 230.6460, 9.2640,
-13.7120

■ 234.4640, 4.2650,
-5.7110

■ 238.0970, -1.6510,
2.3890

■ 240.2480, -3.3940,
6.4460

■ 241.4440, -1.0100,
7.2940

Harmonies

Analogous

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



210.0710, 70.0180, -35.4700



212.2960, 37.9270, -54.1130



200.3040, -35.6130, -64.9650

Triad

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



212.2960, 37.9270, -54.1130



178.7550, -151.9800, -54.0600



199.3660, 27.1340, 47.9180

Complementary

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



212.2960, 37.9270, -54.1130



102.7040, -37.9270, 54.1130

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.



213.9100, 19.2500, 36.6100



212.2960, 37.9270, -54.1130



169.9500, -147.8550, -46.2150

Square

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



212.2960, 37.9270, -54.1130



178.7550, -151.9800, -54.0600



211.7860, -28.3360, 6.9280



191.5170, 50.6130, 24.3810

Rectangle

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



212.2960, 37.9270, -54.1130



169.6350, -126.3000, -78.9400



211.7860, -28.3360, 6.9280



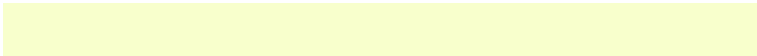
203.3440, 24.2000, 46.0240

Sweetspot

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



212.2960, 37.9270, -54.1130



247.0930, 12.1990, -17.3450



137.8680, 88.9890, 22.7250



122.9710, 6.9710, -10.7010



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.



212.2960, 37.9270, -54.1130



223.3720, 48.7960, -69.3800



188.6750, -9.1570, -70.8610



115.4470, 2.9350, -3.6330



152.8910, 43.2010, -61.5910



45.4520, 12.5660, -18.4900

Inverse Universe

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



102.7040, -37.9270, 54.1130



82.6280, -48.7960, 69.3800



126.3250, 9.1570, 70.8610



107.5530, -2.9350, 3.6330



28.1090, -43.2010, 61.5910



8.2490, -13.1620, 18.2780

Previews

White Background



This preview shows how the YIQ color 212.2960, 37.9270, -54.1130 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 212.2960, 37.9270, -54.1130 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 212.2960, 37.9270, -54.1130

Background



This preview shows how black text looks on a background with the YIQ color 212.2960, 37.9270, -54.1130.



This preview shows how white text looks on a background with the YIQ color 212.2960, 37.9270,

-54.1130.

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

212.2960, 37.9270, -54.1130

Protanopia

215.9730, 64.2420, -40.9260

Deuteranopia

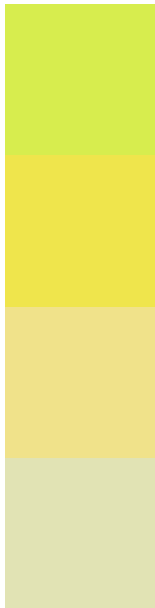
224.4060, 36.5430, -6.9850



Tritanopia

226.6290, -0.0930, 7.1950

Trichromacy



Original Color

212.2960, 37.9270, -54.1130

Protanomaly

214.5480, 55.0730, -45.4630

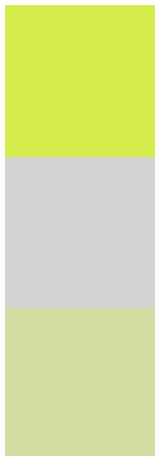
Deuteranomaly

220.1540, 36.5920, -24.4000

Tritanomaly

221.0440, 13.8950, -15.0410

Monochromacy



Original Color

212.2960, 37.9270, -54.1130

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.9960, 13.8500, -19.7340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.2960, 37.9270, -54.1130 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(215, 237, 78)` looks like.

```
.text, #text, p{  
    color:rgb(215, 237, 78)  
}
```

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(215, 237, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 237, 78) }
```

Border

The CSS property to change the border of an element to YIQ 212.2960, 37.9270, -54.1130 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(215, 237, 78) }
```


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

```
.border{ border-color:rgb(215, 237, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 237, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 237, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 237, 78);  
box-shadow:4px 4px 4px 4px rgb(215, 237,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 212.2960, 37.9270, -54.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 237, 78) }
```

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

```
.background{ background-color: rgb(215,  
237, 78) }
```

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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