

Converting Colors

YIQ(210.8180, 63.7810,
-27.0590)

Have a look what the booklet for
YIQ(210.8180, 63.7810, -27.0590)
contains.

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Color

**YIQ(210.8180, 63.7810,
-27.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD35E
RGB	255, 211, 94
RGB Percent	100%, 83%, 37%
CMY	0.0000, 0.1726, 0.6310
CMYK	0.00, 0.17, 0.63, 0.00
HSL	44°, 100%, 68%
HSV	44°, 63%, 100%
XYZ	66.5539, 68.6489, 20.3531
YIQ	210.8180, 63.7810, -27.0590

Conversions

Conversions Part 2

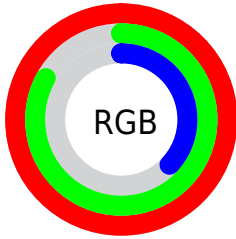
Format	Color
RYB	155, 255, 94
Decimal	16765790
CIELab	86.33, 2.92, 62.08
CIELCh	86, 62.145, 87.305
Yxy	68.6489, 0.4278, 0.4413
Android (android.graphics.Color)	4294955870 (0xFFFFD35E)
YUV	210.8180, -57.5913, 38.7476
Hunter-Lab	82.8546, -1.6135, 43.4338

Details

The YIQ color **210.8180, 63.7810, -27.0590** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **138.1820, -63.7810, 27.0590**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **242.8020, 34.3470, -33.2770**, and **154.7960, 60.8470, -28.9530** is the 20% darker color. If you saturate the color by 10%, you get **203.8590, 73.7310, -31.1730**, and if you desaturate by 10%, it is **217.8910, 53.5100, -22.6340**.

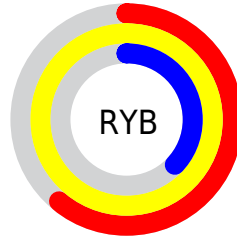
Distribution



Red (100%)

Green (83%)

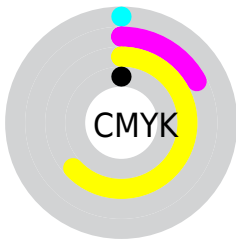
Blue (37%)



Red (61%)

Yellow (100%)

Blue (37%)

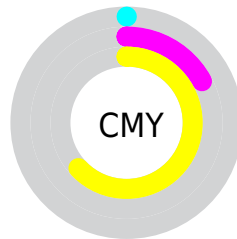


Cyan (0%)

Magenta (17%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.8180, 63.7810, -27.0590 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 210.8180, 63.7810, -27.0590 by changing the saturation by 10% instead.

210.8180, 63.7810,
-27.0590

210.8180, 63.7810,
-27.0590

255.0000, -0.0000,
-0.0000

182.3340, 62.2680,
-27.1720

242.8020, 34.3470,
-33.2770

154.7960, 60.8470,
-28.9530

245.9940, 25.3590,
-24.5690

126.2320, 62.3150,
-33.5330

249.3000, 16.0500,
-15.5500

103.1850, 52.5020,
-26.3940

252.6060, 6.7410,
-6.5310

80.7250, 42.4140,
-19.7780

58.8520, 32.0510,
-13.6850

38.7510, 22.3300,

-8.2140

■ 19.5360, 12.9300,
-3.0540

■ 0.0000, 0.0000,
0.0000

■ 210.8180, 63.7810,
-27.0590

■ 210.8180, 63.7810,
-27.0590

■ 203.8590, 73.7310,
-31.1730

■ 217.8910, 53.5100,
-22.6340

■ 196.7860, 84.0020,
-35.5980

■ 224.8500, 43.5600,
-18.5200

■ 189.8270, 93.9520,
-39.7120

■ 231.9230, 33.2890,
-14.0950

■ 184.8400,
101.1050, -42.6950

■ 238.8820, 23.3390,
-9.9810

■ 245.9550, 13.0680,
-5.5560

■ 252.9140, 3.1180,
-1.4420

■ 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.



200.6400, 62.1270, -8.0890



210.8180, 63.7810, -27.0590



205.2250, 19.4940, -44.9380

Triad

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



210.8180, 63.7810, -27.0590



172.8850, -149.2300, -48.8300



210.9750, 20.6250, 39.2250

Complementary

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



210.8180, 63.7810, -27.0590



138.1820, -63.7810, 27.0590

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.



211.3200, -11.9240, 17.8680



210.8180, 63.7810, -27.0590



168.7760, -147.3050, -45.1690

Square

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



210.8180, 63.7810, -27.0590



167.6410, -134.4640, -63.1360



186.8700, -91.0070, -19.1910



199.2230, 34.4260, 36.9060

Rectangle

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



210.8180, 63.7810, -27.0590



199.1310, -18.4680, -50.7880



186.8700, -91.0070, -19.1910



215.0840, 18.7000, 35.5640

Sweetspot

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



210.8180, 63.7810, -27.0590



241.8970, 18.9830, -8.1290



147.3830, 81.1900, 48.4380



119.2970, 12.1050, -4.6230



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.



210.8180, 63.7810, -27.0590



201.7730, 76.8490, -32.6150



226.1810, 30.8210, -57.4910



124.1700, 5.2730, -1.9510



138.7020, 75.6110, -32.2050



46.1380, 25.4940, -10.4900

Inverse Universe

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



138.1820, -63.7810, 27.0590



114.2270, -76.8490, 32.6150



122.8190, -30.8210, 57.4910



118.2430, -4.9980, 2.4740



52.2980, -75.6110, 32.2050



17.2750, -25.2190, 11.0130

Previews

White Background



This preview shows how the YIQ color 210.8180, 63.7810, -27.0590 looks on a white background.

Color Contrast Check

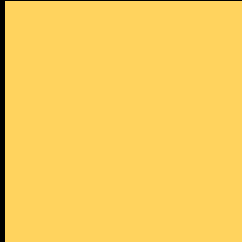
Large Text (above 18pt) WCAG AA × Fail

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 210.8180, 63.7810, -27.0590 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 210.8180, 63.7810, -27.0590

Background



This preview shows how black text looks on a background with the YIQ color 210.8180, 63.7810, -27.0590.



This preview shows how white text looks on a background with the YIQ color 210.8180, 63.7810, -27.0590.

-27.0590.

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

210.8180, 63.7810, -27.0590

Protanopia

209.4960, 52.8240, -32.2320

Deuteranopia

215.0020, 49.2440, -11.3960



Tritanopia

219.2150, 27.7360, 14.9680

Trichromacy



Original Color

210.8180, 63.7810, -27.0590

Protanomaly

209.7030, 56.6750, -30.4370

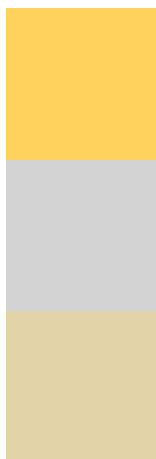
Deuteranomaly

213.6510, 54.4260, -17.2060

Tritanomaly

215.9600, 41.0350, -0.2850

Monochromacy



Original Color

210.8180, 63.7810, -27.0590

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.8820, 23.3390, -9.9810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.8180, 63.7810, -27.0590 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, 211, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 94)  
}
```

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, 211, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 94) }
```

Border

The CSS property to change the border of an element to YIQ 210.8180, 63.7810, -27.0590 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, 211, 94) }
```


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

```
.border{ border-color:rgb(255, 211, 94) }
```

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

Here you see how a box with a 4 pixel rgb(255, 211, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 210.8180, 63.7810, -27.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 94) }
```

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

```
.background{ background-color: rgb(255,  
211, 94) }
```

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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