

Converting Colors

YIQ(208.1960, 71.1640,
-34.2120)

Have a look what the booklet for
YIQ(208.1960, 71.1640, -34.2120)
contains.

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Color

**YIQ(208.1960, 71.1640,
-34.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD347
RGB	255, 211, 71
RGB Percent	100%, 83%, 28%
CMY	0.0000, 0.1726, 0.7212
CMYK	0.00, 0.17, 0.72, 0.00
HSL	46°, 100%, 64%
HSV	46°, 72%, 100%
XYZ	65.6701, 68.2954, 15.6992
YIQ	208.1960, 71.1640, -34.2120

Conversions

Conversions Part 2

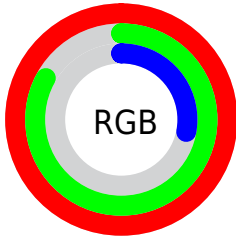
Format	Color
RYB	129, 255, 71
Decimal	16765767
CIELab	86.15, 1.71, 71.25
CIElCh	86, 71.274, 88.628
Yxy	68.2954, 0.4388, 0.4563
Android (android.graphics.Color)	4294955847 (0xFFFFD347)
YUV	208.1960, -67.6376, 41.0471
Hunter-Lab	82.6410, -2.7780, 46.5855

Details

The YIQ color $208.1960, 71.1640, -34.2120$ is a light color, and the websafe version is hex FFCC33 . The color can be described as light washed yellow. A complement of this color would be $117.8040, -71.1640, 34.2120$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.4080, 41.0880, -39.8080$, and $150.1650, 72.4490, -40.9830$ is the 20% darker color. If you saturate the color by 10%, you get $201.8240, 80.8390, -38.8490$, and if you desaturate by 10%, it is $214.6820, 61.1680, -29.2640$.

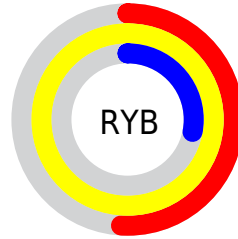
Distribution



Red (100%)

Green (83%)

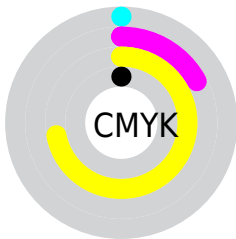
Blue (28%)



Red (51%)

Yellow (100%)

Blue (28%)

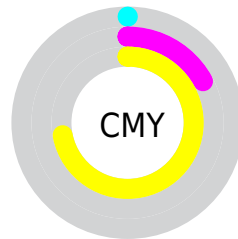


Cyan (0%)

Magenta (17%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.1960, 71.1640, -34.2120 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 208.1960, 71.1640, -34.2120 by changing the saturation by 10% instead.

208.1960, 71.1640,
-34.2120

208.1960, 71.1640,
-34.2120

255.0000, -0.0000,
-0.0000

179.5440, 70.0640,
-36.3040

240.4080, 41.0880,
-39.8080

150.1650, 72.4490,
-40.9830

243.6000, 32.1000,
-31.1000

125.9330, 61.7190,
-33.7450

246.9060, 22.7910,
-22.0810

102.5870, 51.3100,
-26.8180

250.2120, 13.4820,
-13.0620

80.1270, 41.2220,
-20.2020

253.5180, 4.1730,
-4.0430

58.8410, 30.5840,
-14.6320

38.1530, 21.1380,

-8.6380

■ 18.9380, 11.7380,
-3.4780

■ 0.0000, 0.0000,
0.0000

■ 208.1960, 71.1640,
-34.2120

■ 208.1960, 71.1640,
-34.2120

■ 201.8240, 80.8390,
-38.8490

■ 214.6820, 61.1680,
-29.2640

■ 195.3380, 90.8350,
-43.7970

■ 221.0540, 51.4930,
-24.6270

■ 190.1230, 98.6300,
-47.4020

■ 227.5400, 41.4970,
-19.6790

■ 233.9120, 31.8220,
-15.0420

■ 240.9850, 21.5510,
-10.6170

■ 247.3570, 11.8760,
-5.9800

■ 253.8430, 1.8800,
-1.0320

■ 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.



196.2400, 69.0050, -11.5950



208.1960, 71.1640, -34.2120



201.9550, 19.9540, -53.2780

Triad

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



208.1960, 71.1640, -34.2120



174.6460, -150.0550, -50.3990



205.6920, 23.1000, 43.9320

Complementary

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



208.1960, 71.1640, -34.2120



117.8040, -71.1640, 34.2120

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.



209.2710, -10.2280, 20.1720



208.1960, 71.1640, -34.2120



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.



208.1960, 71.1640, -34.2120



169.5160, -135.6100, -64.3940



162.6510, -139.2830, -36.3630



192.4240, 38.4140, 41.7260

Rectangle

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



208.1960, 71.1640, -34.2120



193.6690, -26.2150, -59.0710



162.6510, -139.2830, -36.3630



210.9750, 20.6250, 39.2250

Sweetspot

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



208.1960, 71.1640, -34.2120



240.9850, 21.5510, -10.6170



131.2600, 94.8980, 53.3140



119.4280, 13.1140, -6.3900



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.



208.1960, 71.1640, -34.2120



198.5810, 85.8370, -41.3230



220.2700, 31.6480, -66.9760



124.1700, 5.2730, -1.9510



142.2240, 73.9610, -35.3430



47.3120, 24.9440, -11.5360

Inverse Universe

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



117.8040, -71.1640, 34.2120



89.4190, -85.8370, 41.3230



105.7300, -31.6480, 66.9760



118.2430, -4.9980, 2.4740



48.7760, -73.9610, 35.3430



16.1010, -24.6690, 12.0590

Previews

White Background



This preview shows how the YIQ color 208.1960, 71.1640, -34.2120 looks on a white background.

Color Contrast Check

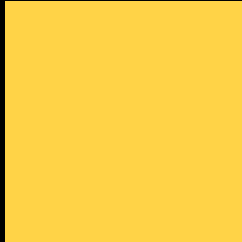
Large Text (above 18pt) WCAG AA × Fail

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 208.1960, 71.1640, -34.2120 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 208.1960, 71.1640, -34.2120

Background



This preview shows how black text looks on a background with the YIQ color 208.1960, 71.1640, -34.2120.



This preview shows how white text looks on a background with the YIQ color 208.1960, 71.1640,

-34.2120.

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

208.1960, 71.1640, -34.2120

Protanopia

207.0590, 61.1240, -39.4840

Deuteranopia

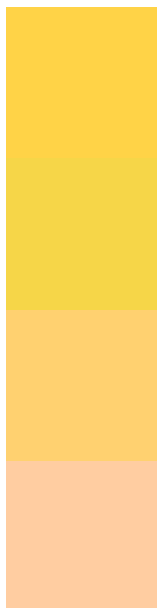
213.8450, 51.1240, -12.4280



Tritanopia

219.1010, 28.0570, 14.6570

Trichromacy



Original Color

208.1960, 71.1640, -34.2120

Protanomaly

207.3800, 64.6540, -37.3780

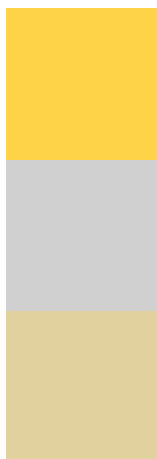
Deuteranomaly

211.6960, 58.5530, -20.4150

Tritanomaly

214.9340, 43.9240, -3.0840

Monochromacy



Original Color

208.1960, 71.1640, -34.2120

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.9700, 25.9070, -12.4690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.1960, 71.1640, -34.2120 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, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 71)  
}
```

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, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 71) }
```

Border

The CSS property to change the border of an element to YIQ 208.1960, 71.1640, -34.2120 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, 71) }
```


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

```
.border{ border-color:rgb(255, 211, 71) }
```

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, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 208.1960, 71.1640, -34.2120 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, 71) }
```

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

```
.background{ background-color: rgb(255,  
211, 71) }
```

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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