

Converting Colors

YIQ(210.7380, 66.7620,
-31.5260)

Have a look what the booklet for
YIQ(210.7380, 66.7620, -31.5260)
contains.

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Color

**YIQ(210.7380, 66.7620,
-31.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD553
RGB	255, 213, 83
RGB Percent	100%, 84%, 33%
CMY	0.0000, 0.1647, 0.6741
CMYK	0.00, 0.16, 0.67, 0.00
HSL	45°, 100%, 66%
HSV	45°, 67%, 100%
XYZ	66.5947, 69.4654, 18.1008
YIQ	210.7380, 66.7620, -31.5260

Conversions

Conversions Part 2

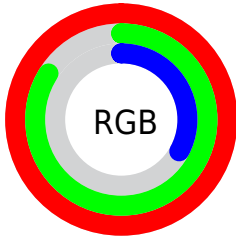
Format	Color
R _Y B	139, 255, 83
Decimal	16766291
CIE Lab	86.73, 1.27, 67.16
CIE LCh	87, 67.169, 88.916
Yxy	69.4654, 0.4320, 0.4506
Android (android.graphics.Color)	4294956371 (0xFFFFD553)
YUV	210.7380, -62.9748, 38.8178
Hunter-Lab	83.3459, -3.2311, 45.4658

Details

The YIQ color **210.7380, 66.7620, -31.5260** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **127.2620, -66.7620, 31.5260**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **241.6620, 37.5570, -36.3870**, and **153.6190, 65.4790, -35.8090** is the 20% darker color. If you saturate the color by 10%, you get **204.3660, 76.4370, -36.1630**, and if you desaturate by 10%, it is **217.2240, 56.7660, -26.5780**.

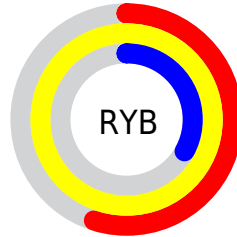
Distribution



Red (100%)

Green (84%)

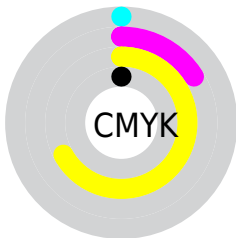
Blue (33%)



Red (55%)

Yellow (100%)

Blue (33%)

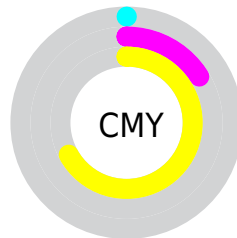


Cyan (0%)

Magenta (16%)

Yellow (67%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 210.7380, 66.7620, -31.5260 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 210.7380, 66.7620, -31.5260 by changing the saturation by 10% instead.


 210.7380, 66.7620,
-31.5260


 210.7380, 66.7620,
-31.5260


255.0000, -0.0000,
-0.0000


 182.1400, 65.5700,
-31.9500


 241.6620, 37.5570,
-36.3870

 153.7330, 65.1580,
-35.4980


 244.8540, 28.5690,
-27.6790

 127.4060, 61.7650,
-34.5790


 248.1600, 19.2600,
-18.6600

 104.0600, 51.3560,
-27.6520

 251.4660, 9.9510,
-9.6410

 81.6000, 41.2680,
-21.0360

254.7720, 0.6420,
-0.6220

 59.7270, 30.9050,
-14.9430

 39.6260, 21.1840,

-9.4720

■ 20.4110, 11.7840,
-4.3120

■ 0.0000, 0.0000,
0.0000

■ 210.7380, 66.7620,
-31.5260

■ 210.7380, 66.7620,
-31.5260

■ 204.3660, 76.4370,
-36.1630

■ 217.2240, 56.7660,
-26.5780

■ 197.8800, 86.4330,
-41.1110

■ 223.5960, 47.0910,
-21.9410

■ 190.9210, 96.3830,
-45.2250

■ 230.6690, 36.8200,
-17.5160

■ 189.5360, 98.9050,
-46.8790

■ 237.0410, 27.1450,
-12.8790

■ 243.5270, 17.1490,
-7.9310

■ 249.8990, 7.4740,
-3.2940

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.



199.5000, 65.3370, -11.1990



210.7380, 66.7620, -31.5260



204.5790, 18.2570, -50.0550

Triad

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



210.7380, 66.7620, -31.5260



174.6460, -150.0550, -50.3990



208.6270, 21.7250, 41.3170

Complementary

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



210.7380, 66.7620, -31.5260



127.2620, -66.7620, 31.5260

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.



211.6410, -8.3940, 19.9740



210.7380, 66.7620, -31.5260



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.



210.7380, 66.7620, -31.5260



170.4450, -136.8480, -63.9840



182.6730, -100.8180, -23.1060



196.0600, 36.4430, 38.8990

Rectangle

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



210.7380, 66.7620, -31.5260



197.2610, -24.8860, -55.6220



182.6730, -100.8180, -23.1060



213.3230, 19.5250, 37.1330

Sweetspot

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



210.7380, 66.7620, -31.5260



242.1420, 19.6710, -9.5850



139.3300, 88.7090, 49.8370



119.7700, 12.1510, -5.4570



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.



210.7380, 66.7620, -31.5260



202.0520, 80.1970, -38.2270



222.5350, 29.5840, -62.6080



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.



127.2620, -66.7620, 31.5260



101.5350, -80.4720, 37.7040



115.4650, -29.5840, 62.6080



118.2430, -4.9980, 2.4740



49.3630, -74.2360, 34.8200



16.6880, -24.9440, 11.5360

Previews

White Background



This preview shows how the YIQ color 210.7380, 66.7620, -31.5260 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 210.7380, 66.7620, -31.5260 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 210.7380, 66.7620, -31.5260

Background



This preview shows how black text looks on a background with the YIQ color 210.7380, 66.7620, -31.5260.



This preview shows how white text looks on a background with the YIQ color 210.7380, 66.7620, -31.5260.

-31.5260.

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

210.7380, 66.7620, -31.5260

Protanopia

209.9000, 57.3180, -36.5860

Deuteranopia

215.9310, 48.0060, -10.9860



Tritanopia

220.6170, 26.5440, 14.5440

Trichromacy



Original Color

210.7380, 66.7620, -31.5260

Protanomaly

210.2210, 60.8480, -34.4800

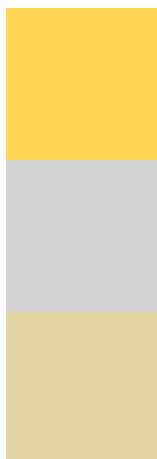
Deuteranomaly

214.0100, 54.7930, -18.3510

Tritanomaly

216.9060, 41.1270, -1.9530

Monochromacy



Original Color

210.7380, 66.7620, -31.5260

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.0130, 24.3480, -11.7480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.7380, 66.7620, -31.5260 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, 213, 83)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 83)  
}
```

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, 213, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 83) }
```

Border

The CSS property to change the border of an element to YIQ 210.7380, 66.7620, -31.5260 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, 213, 83) }
```


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

```
.border{ border-color:rgb(255, 213, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 83);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 210.7380, 66.7620, -31.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 83) }
```

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

```
.background{ background-color: rgb(255,  
213, 83) }
```

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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