

Converting Colors

YIQ(200.2760, 68.1830,
-29.7450)

Have a look what the booklet for
YIQ(200.2760, 68.1830, -29.7450)
contains.

YIQ(200.2760, 68.1830, -29.7450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(200.2760, 68.1830,
-29.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C94A
RGB	247, 201, 74
RGB Percent	97%, 79%, 29%
CMY	0.0313, 0.2118, 0.7094
CMYK	0.00, 0.19, 0.70, 0.03
HSL	44°, 92%, 63%
HSV	44°, 70%, 97%
XYZ	60.4818, 62.0354, 15.2815
YIQ	200.2760, 68.1830, -29.7450

Conversions

Conversions Part 2

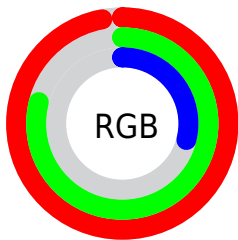
Format	Color
RYB	137, 247, 74
Decimal	16238922
CIELab	82.93, 3.63, 66.64
CIElCh	83, 66.736, 86.881
Yxy	62.0354, 0.4389, 0.4502
Android (android.graphics.Color)	4294429002 (0xFFFF7C94A)
YUV	200.2760, -62.2541, 40.9769
Hunter-Lab	78.7625, -0.7642, 43.6303

Details

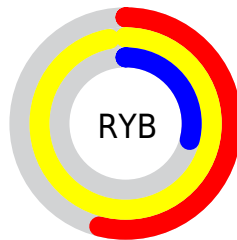
The YIQ color $200.2760, 68.1830, -29.7450$ is a light color, and the websafe version is hex FFCC33 . The color can be described as light washed yellow. A complement of this color would be $120.7240, -68.1830, 29.7450$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6360, 40.4460, -39.1860$, and $142.6580, 69.7430, -35.9930$ is the 20% darker color. If you saturate the color by 10%, you get $193.3170, 78.1330, -33.8590$, and if you desaturate by 10%, it is $207.2350, 58.2330, -25.6310$.

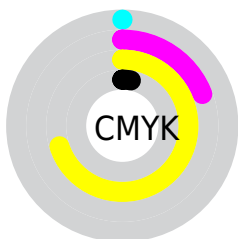
Distribution



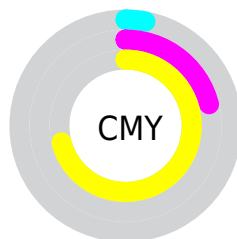
- Red (97%)
- Green (79%)
- Blue (29%)



- Red (54%)
- Yellow (97%)
- Blue (29%)



- Cyan (0%)
- Magenta (19%)
- Yellow (70%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.2760, 68.1830, -29.7450 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 200.2760, 68.1830, -29.7450 by changing the saturation by 10% instead.

200.2760, 68.1830,
-29.7450

200.2760, 68.1830,
-29.7450

255.0000, -0.0000,
-0.0000

172.1510, 67.0370,
-31.0030

240.6360, 40.4460,
-39.1860

142.6580, 69.7430,
-35.9930

243.8280, 31.4580,
-30.4780

118.5570, 60.0220,
-30.5220

247.0200, 22.4700,
-21.7700

95.2110, 49.6130,
-23.5950

250.3260, 13.1610,
-12.7510

73.3380, 39.2500,
-17.5020

253.6320, 3.8520,
-3.7320

52.3510, 29.2080,
-11.7200

32.2500, 19.4870,

-6.2490

■ 10.6870, 11.1870,
1.0030

■ 0.0000, 0.0000,
0.0000

■ 200.2760, 68.1830,
-29.7450

■ 200.2760, 68.1830,
-29.7450

■ 193.3170, 78.1330,
-33.8590

■ 207.2350, 58.2330,
-25.6310


■ 187.0590, 87.4870,
-38.1850


■ 213.4930, 48.8790,
-21.3050

■ 180.1000, 97.4370,
-42.2990


■ 220.4520, 38.9290,
-17.1910


■ 226.8240, 29.2540,
-12.5540

 233.7830, 19.3040,
-8.4400

 240.0410, 9.9500,
-4.1140

 247.0000, -0.0000,
-0.0000

 252.0210, -4.4930,
-1.1730

 252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



191.7720, 70.5630, -6.7890



200.2760, 68.1830, -29.7450



194.4870, 21.5120, -48.4720

Triad

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



200.2760, 68.1830, -29.7450



168.1890, -147.0300, -44.6460



203.3440, 24.2000, 46.0240

Complementary

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



200.2760, 68.1830, -29.7450



120.7240, -68.1830, 29.7450

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.



201.5630, -16.9220, 20.3420



200.2760, 68.1830, -29.7450



164.0800, -145.1050, -40.9850

Square

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



200.2760, 68.1830, -29.7450



161.6910, -128.7330, -62.3730



158.2650, -135.0200, -31.0200



189.5060, 41.1190, 42.2630

Rectangle

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



200.2760, 68.1830, -29.7450



187.5390, -19.7970, -54.2370



158.2650, -135.0200, -31.0200



208.0400, 22.0000, 41.8400

Sweetspot

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



200.2760, 68.1830, -29.7450



240.6260, 21.1840, -9.4720



130.9710, 88.3420, 50.9820



119.0690, 12.7470, -5.2450



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.



200.2760, 68.1830, -29.7450



197.1450, 84.3690, -36.7430



215.3180, 31.6930, -62.2830



118.8710, 4.6770, -2.1630



136.0330, 73.1810, -32.2190



42.8820, 23.3390, -9.9810

Inverse Universe

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



120.7240, -68.1830, 29.7450



98.8550, -84.3690, 36.7430



105.6820, -31.6930, 62.2830



113.1290, -4.6770, 2.1630



50.5540, -73.4560, 31.6960



16.1180, -23.3390, 9.9810

Previews

White Background



This preview shows how the YIQ color 200.2760, 68.1830, -29.7450 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 200.2760, 68.1830, -29.7450 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 200.2760, 68.1830, -29.7450

Background



This preview shows how black text looks on a background with the YIQ color 200.2760, 68.1830, -29.7450.



This preview shows how white text looks on a background with the YIQ color 200.2760, 68.1830, -29.7450.

-29.7450.

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

200.2760, 68.1830, -29.7450

Protanopia

199.2420, 56.3550, -35.6530

Deuteranopia

202.2580, 68.5940, -20.6700



Tritanopia

210.3300, 34.8420, 18.3460

Trichromacy



Original Color

200.2760, 68.1830, -29.7450

Protanomaly

199.7480, 60.8020, -33.6460

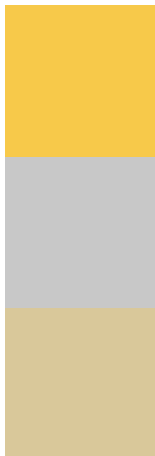
Deuteranomaly

201.2640, 68.4570, -23.6950

Tritanomaly

206.4230, 47.0410, 1.0010

Monochromacy



Original Color

200.2760, 68.1830, -29.7450

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.8390, 24.8980, -10.7020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.2760, 68.1830, -29.7450 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(247, 201, 74)` looks like.

```
.text, #text, p{  
    color:rgb(247, 201, 74)  
}
```

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(247, 201, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 74) }
```

Border

The CSS property to change the border of an element to YIQ 200.2760, 68.1830, -29.7450 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(247, 201, 74) }
```


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

```
.border{ border-color:rgb(247, 201, 74) }
```

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

Here you see how a box with a 4 pixel rgb(247, 201, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 201, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 201, 74);  
box-shadow:4px 4px 4px 4px rgb(247, 201,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 200.2760, 68.1830, -29.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 74) }
```

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

```
.background{ background-color: rgb(247,  
201, 74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor