

Converting Colors

YIQ(193.6530, 77.3070,
-29.9010)

Have a look what the booklet for
YIQ(193.6530, 77.3070, -29.9010)
contains.

YIQ(193.6530, 77.3070, -29.9010)	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(193.6530, 77.3070,
-29.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C039
RGB	249, 192, 57
RGB Percent	98%, 75%, 22%
CMY	0.0235, 0.2471, 0.7760
CMYK	0.00, 0.23, 0.77, 0.02
HSL	42°, 94%, 60%
HSV	42°, 77%, 98%
XYZ	58.6570, 58.1272, 12.0127
YIQ	193.6530, 77.3070, -29.9010

Conversions

Conversions Part 2

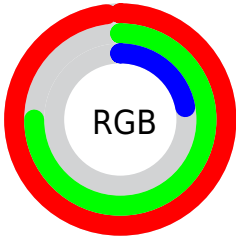
Format	Color
R_{YB}	138, 249, 57
Decimal	16367673
CIE _{Lab}	80.81, 8.41, 70.99
CIE _{LCh}	81, 71.486, 83.243
Yxy	58.1272, 0.4554, 0.4513
Android (android.graphics.Color)	4294557753 (0xFFFF9C039)
YUV	193.6530, -67.3699, 48.5393
Hunter-Lab	76.2412, 3.9089, 44.0270

Details

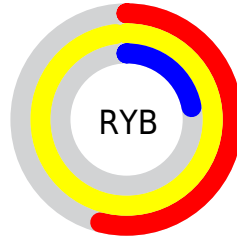
The YIQ color **193.6530, 77.3070, -29.9010** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **112.3470, -77.3070, 29.9010**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **234.8170, 47.1860, -40.1900**, and **137.8050, 73.8230, -32.8410** is the 20% darker color. If you saturate the color by 10%, you get **186.6940, 87.2570, -34.0150**, and if you desaturate by 10%, it is **200.6120, 67.3570, -25.7870**.

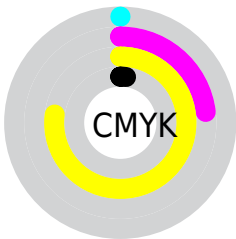
Distribution



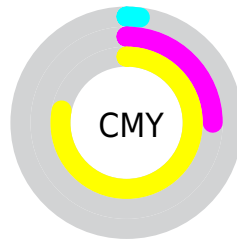
- Red (98%)
- Green (75%)
- Blue (22%)



- Red (54%)
- Yellow (98%)
- Blue (22%)



- Cyan (0%)
- Magenta (23%)
- Yellow (77%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.6530, 77.3070, -29.9010 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 193.6530, 77.3070, -29.9010 by changing the saturation by 10% instead.

193.6530, 77.3070,
-29.9010

193.6530, 77.3070,
-29.9010

255.0000, -0.0000,
-0.0000

164.6590, 77.1700,
-32.9260

234.8170, 47.1860,
-40.1900

137.8050, 73.8230,
-32.8410

242.1180, 36.2730,
-35.1430

114.1600, 62.8180,
-26.1260

245.3100, 27.2850,
-26.4350

90.8140, 52.4090,
-19.1990

248.5020, 18.2970,
-17.7270

68.6420, 41.4500,
-13.3180

251.8080, 8.9880,
-8.7080

47.6550, 31.4080,
-7.5360

28.1410, 21.4120,

-2.5880

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

■ 193.6530, 77.3070,
-29.9010

■ 193.6530, 77.3070,
-29.9010

■ 186.6940, 87.2570,
-34.0150

■ 200.6120, 67.3570,
-25.7870

■ 179.1480, 97.4820,
-37.6060

■ 208.1580, 57.1320,
-22.1960

■ 177.1760,
100.2790, -38.7370

■ 215.1170, 47.1820,
-18.0820

■ 222.6630, 36.9570,
-14.4910

■ 229.6220, 27.0070,
-10.3770

■ 236.5810, 17.0570,
-6.2630

■ 244.0130, 7.1530,
-2.9830

■ 250.8580, -2.4760,
0.8200

■ 253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



184.4030, 76.1560, -3.5240



193.6530, 77.3070, -29.9010



187.9840, 30.1780, -51.3420

Triad

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



193.6530, 77.3070, -29.9010



165.3850, -144.6460, -43.7980



199.8220, 25.8500, 49.1620

Complementary

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



193.6530, 77.3070, -29.9010



112.3470, -77.3070, 29.9010

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.



192.3380, -29.5300, 17.5580



193.6530, 77.3070, -29.9010



162.3190, -144.2800, -39.4160

Square

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



193.6530, 77.3070, -29.9010



157.0460, -122.5430, -64.4230



154.1010, -140.4300, -32.0940



183.3910, 43.1810, 48.9490

Rectangle

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



193.6530, 77.3070, -29.9010



181.1390, -12.9190, -57.7430



154.1010, -140.4300, -32.0940



201.2180, 15.6270, 41.6990

Sweetspot

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



193.6530, 77.3070, -29.9010



238.2950, 23.6140, -9.4580



121.0200, 95.8140, 58.7420



117.4390, 14.5810, -5.4430



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.



193.6530, 77.3070, -29.9010



187.1200, 94.6850, -36.4750



215.7500, 38.9840, -67.7680



121.1700, 5.2730, -1.9510



134.5820, 76.0690, -29.4910



43.4800, 24.5310, -9.5570

Inverse Universe

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



112.3470, -77.3070, 29.9010



87.8800, -94.6850, 36.4750



90.2500, -38.9840, 67.7680



115.8300, -5.2730, 1.9510



54.4180, -76.0690, 29.4910



17.5200, -24.5310, 9.5570

Previews

White Background



This preview shows how the YIQ color 193.6530, 77.3070, -29.9010 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 193.6530, 77.3070, -29.9010 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 193.6530, 77.3070, -29.9010

Background



This preview shows how black text looks on a background with the YIQ color 193.6530, 77.3070, -29.9010.



This preview shows how white text looks on a background with the YIQ color 193.6530, 77.3070, -29.9010.

-29.9010.

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

193.6530, 77.3070, -29.9010

Protanopia

192.1020, 59.5650, -38.7630

Deuteranopia

194.0770, 79.0490, -28.4310



Tritanopia

204.4940, 40.2520, 19.4200

Trichromacy



Original Color

193.6530, 77.3070, -29.9010

Protanomaly

192.9180, 66.0750, -35.5970

Deuteranomaly

193.7780, 78.4530, -28.6430

Tritanomaly

200.6580, 53.6890, 1.6650

Monochromacy



Original Color

193.6530, 77.3070, -29.9010

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.6930, 28.2450, -10.7870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.6530, 77.3070, -29.9010 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(249, 192, 57)` looks like.

```
.text, #text, p{  
    color:rgb(249, 192, 57)  
}
```

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(249, 192, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 192, 57) }
```

Border

The CSS property to change the border of an element to YIQ 193.6530, 77.3070, -29.9010 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(249, 192, 57) }
```


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

```
.border{ border-color:rgb(249, 192, 57) }
```

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

Here you see how a box with a 4 pixel rgb(249, 192, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 192, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 192, 57);  
box-shadow:4px 4px 4px 4px rgb(249, 192,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 193.6530, 77.3070, -29.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 192, 57) }
```

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

```
.background{ background-color: rgb(249,  
192, 57) }
```

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