

Converting Colors

YIQ(185.9520, 77.9030,
-29.6890)

Have a look what the booklet for
YIQ(185.9520, 77.9030, -29.6890)
contains.

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Color

**YIQ(185.9520, 77.9030,
-29.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B831
RGB	242, 184, 49
RGB Percent	95%, 72%, 19%
CMY	0.0509, 0.2785, 0.8074
CMYK	0.00, 0.24, 0.80, 0.05
HSL	42°, 88%, 57%
HSV	42°, 80%, 95%
XYZ	54.3146, 53.3730, 10.3568
YIQ	185.9520, 77.9030, -29.6890

Conversions

Conversions Part 2

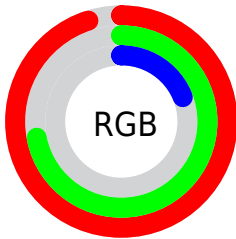
Format	Color
R _Y B	132, 242, 49
Decimal	15906865
CIE Lab	78.09, 9.34, 70.94
CIE LCh	78, 71.548, 82.501
Yxy	53.3730, 0.4601, 0.4521
Android (android.graphics.Color)	4294096945 (0xFFFF2B831)
YUV	185.9520, -67.5173, 49.1541
Hunter-Lab	73.0568, 4.8576, 42.7347

Details

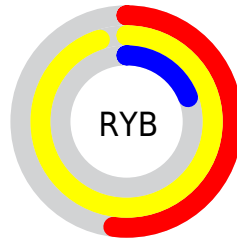
The YIQ color **185.9520, 77.9030, -29.6890** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **105.0480, -77.9030, 29.6890**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.2090, 51.9540, -38.4940**, and **131.0160, 71.8510, -30.1410** is the 20% darker color. If you saturate the color by 10%, you get **179.1070, 87.5320, -33.4920**, and if you desaturate by 10%, it is **192.7970, 68.2740, -25.8860**.

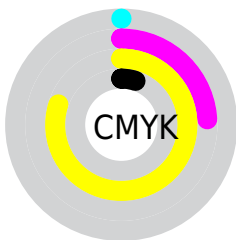
Distribution



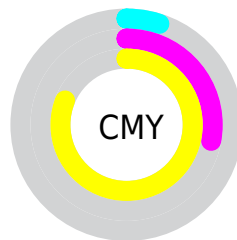
- Red (95%)
- Green (72%)
- Blue (19%)



- Red (52%)
- Yellow (95%)
- Blue (19%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (5%)



- Cyan (5%)
- Magenta (28%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.9520, 77.9030, -29.6890 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 185.9520, 77.9030, -29.6890 by changing the saturation by 10% instead.

185.9520, 77.9030,
-29.6890

185.9520, 77.9030,
-29.6890

255.0000, -0.0000,
-0.0000

156.1600, 80.0130,
-34.8910

229.2090, 51.9540,
-38.4940

131.0160, 71.8510,
-30.1410

241.2060, 38.8410,
-37.6310

107.3710, 60.8460,
-23.4260

244.3980, 29.8530,
-28.9230

84.6120, 50.1620,
-17.0220

247.7040, 20.5440,
-19.9040

63.3260, 39.5240,
-11.4520

251.0100, 11.2350,
-10.8850

42.0400, 28.8860,
-5.8820

254.3160, 1.9260,

22.8250, 19.4860,

-1.8660

-0.7220

■ 0.8970, 1.7880,
0.6360

■ 0.0000, 0.0000,
0.0000

■ 185.9520, 77.9030,
-29.6890

■ 185.9520, 77.9030,
-29.6890

■ 179.1070, 87.5320,
-33.4920

■ 192.7970, 68.2740,
-25.8860

■ 171.6750, 97.4360,
-36.7720

■ 200.3430, 58.0490,
-22.2950

■ 171.5610, 97.7570,
-37.0830

■ 207.1880, 48.4200,
-18.4920

■ 214.0330, 38.7910,
-14.6890

■ 220.8780, 29.1620,
-10.8860

■ 228.3100, 19.2580,
-7.6060

■ 235.2690, 9.3080,
-3.4920

■ 242.1140, -0.3210,
0.3110

■ 248.1780, -6.3730,
-0.1410

Harmonies

Analogous

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



179.0230, 80.2820, -1.2060



185.9520, 77.9030, -29.6890



180.4680, 31.6910, -51.2290

Triad

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



185.9520, 77.9030, -29.6890



159.6630, -139.5570, -42.4130



195.7130, 27.7750, 52.8230

Complementary

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



185.9520, 77.9030, -29.6890



105.0480, -77.9030, 29.6890

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.



184.9400, -34.1610, 18.8870



185.9520, 77.9030, -29.6890



157.6230, -142.0800, -35.2320

Square

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



185.9520, 77.9030, -29.6890



151.3240, -117.4540, -63.0380



149.9920, -138.5050, -28.4330



178.0110, 47.3070, 51.2670

Rectangle

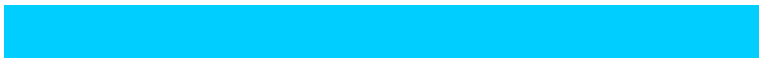
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



185.9520, 77.9030, -29.6890



173.7370, -11.7270, -57.3190



149.9920, -138.5050, -28.4330



194.1190, 11.5920, 43.2400

Sweetspot

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



185.9520, 77.9030, -29.6890



237.4800, 24.5310, -9.5570



113.6610, 95.4470, 59.8870



116.7380, 15.1770, -5.2310



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.



185.9520, 77.9030, -29.6890



183.6320, 98.9950, -37.4930



209.5330, 41.0930, -67.4430



116.2840, 4.9520, -1.6400



130.1520, 74.4640, -27.9360



39.6370, 22.6510, -8.5250

Inverse Universe

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



105.0480, -77.9030, 29.6890



81.3680, -98.9950, 37.4930



81.4670, -41.0930, 67.4430



111.1290, -4.6770, 2.1630



53.2610, -74.1890, 28.4590



16.3630, -22.6510, 8.5250

Previews

White Background



This preview shows how the YIQ color 185.9520, 77.9030, -29.6890 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 185.9520, 77.9030, -29.6890 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 185.9520, 77.9030, -29.6890

Background



This preview shows how black text looks on a background with the YIQ color 185.9520, 77.9030, -29.6890.



This preview shows how white text looks on a background with the YIQ color 185.9520, 77.9030, -29.6890.

-29.6890.

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

185.9520, 77.9030, -29.6890

Protanopia

184.6890, 59.2900, -39.2860

Deuteranopia

185.6640, 78.7740, -28.9540



Tritanopia

197.1030, 42.9110, 20.7910

Trichromacy



Original Color

185.9520, 77.9030, -29.6890

Protanomaly

184.9180, 66.0750, -35.5970

Deuteranomaly

185.6640, 78.7740, -28.9540

Tritanomaly

192.9680, 55.7520, 2.8240

Monochromacy



Original Color

185.9520, 77.9030, -29.6890

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.6930, 28.2450, -10.7870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.9520, 77.9030, -29.6890 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(242, 184, 49)` looks like.

```
.text, #text, p{  
    color:rgb(242, 184, 49)  
}
```

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(242, 184, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 184, 49) }
```

Border

The CSS property to change the border of an element to YIQ 185.9520, 77.9030, -29.6890 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(242, 184, 49) }
```


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

```
.border{ border-color:rgb(242, 184, 49) }
```

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

Here you see how a box with a 4 pixel rgb(242, 184, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 184, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 184, 49);  
box-shadow:4px 4px 4px 4px rgb(242, 184,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 185.9520, 77.9030, -29.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 184, 49) }
```

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

```
.background{ background-color: rgb(242,  
184, 49) }
```

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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