

Converting Colors

YIQ(183.9630, 79.3700,
-28.7420)

Have a look what the booklet for
YIQ(183.9630, 79.3700, -28.7420)
contains.

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Color

**YIQ(183.9630, 79.3700,
-28.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B52F
RGB	242, 181, 47
RGB Percent	95%, 71%, 18%
CMY	0.0509, 0.2903, 0.8152
CMYK	0.00, 0.25, 0.81, 0.05
HSL	41°, 88%, 57%
HSV	41°, 81%, 95%
XYZ	53.6572, 52.1233, 9.9334
YIQ	183.9630, 79.3700, -28.7420

Conversions

Conversions Part 2

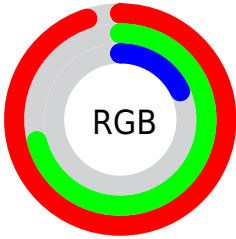
Format	Color
R _Y B	136, 242, 47
Decimal	15906095
CIE Lab	77.35, 10.85, 70.92
CIE LCh	77, 71.746, 81.304
Yxy	52.1233, 0.4637, 0.4504
Android (android.graphics.Color)	4294096175 (0xFFFF2B52F)
YUV	183.9630, -67.5228, 50.8984
Hunter-Lab	72.1965, 6.3193, 42.3799

Details

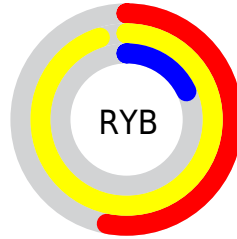
The YIQ color **183.9630, 79.3700, -28.7420** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **105.0370, -79.3700, 28.7420**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.3340, 53.1000, -37.2360**, and **129.8420, 72.4010, -29.0950** is the 20% darker color. If you saturate the color by 10%, you get **176.5310, 89.2740, -32.0220**, and if you desaturate by 10%, it is **191.3950, 69.4660, -25.4620**.

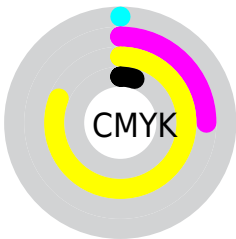
Distribution



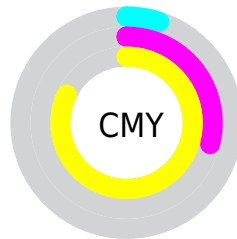
- Red (95%)
- Green (71%)
- Blue (18%)



- Red (53%)
- Yellow (95%)
- Blue (18%)



- Cyan (0%)
- Magenta (25%)
- Yellow (81%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.9630, 79.3700, -28.7420 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 183.9630, 79.3700, -28.7420 by changing the saturation by 10% instead.

183.9630, 79.3700,
-28.7420

183.9630, 79.3700,
-28.7420

255.0000, -0.0000,
-0.0000

153.9430, 82.1220,
-34.5660

227.3340, 53.1000,
-37.2360

129.2550, 72.6760,
-28.5720

240.9780, 39.4830,
-38.2530

106.1970, 61.3960,
-22.3800

244.1700, 30.4950,
-29.5450

83.4380, 50.7120,
-15.9760

247.4760, 21.1860,
-20.5260

61.2660, 39.7530,
-10.0950

250.7820, 11.8770,
-11.5070

40.8660, 29.4360,
-4.8360

254.0880, 2.5680,

21.3520, 19.4400,

-2.4880

0.1120

■ 0.0000, 0.0000,
0.0000

■ 183.9630, 79.3700,
-28.7420

■ 183.9630, 79.3700,
-28.7420

■ 176.5310, 89.2740,
-32.0220

■ 191.3950, 69.4660,
-25.4620

■ 169.8000, 98.5820,
-35.5140

■ 198.3540, 59.5160,
-21.3480

■ 205.7860, 49.6120,
-18.0680

■ 212.6310, 39.9830,
-14.2650

■ 220.0630, 30.0790,
-10.9850

■ 226.9080, 20.4500,
-7.1820

■ 234.4540, 10.2250,
-3.5910

■ 241.8860, 0.3210,
-0.3110

■ 247.5910, -6.0980,
0.3820

Harmonies

Analogous

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



176.6750, 81.3820, 0.8860



183.9630, 79.3700, -28.7420



178.4360, 34.7170, -51.0030

Triad

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



183.9630, 79.3700, -28.7420



157.9190, -137.4020, -42.9220



194.5280, 26.8580, 52.9220

Complementary

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



183.9630, 79.3700, -28.7420



105.0370, -79.3700, 28.7420

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.



182.5480, -38.9290, 17.1910



183.9630, 79.3700, -28.7420



157.0360, -141.8050, -34.7090

Square

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



183.9630, 79.3700, -28.7420



149.5800, -115.2990, -63.5470



148.8180, -137.9550, -27.3870



177.4240, 47.5820, 51.7900

Rectangle

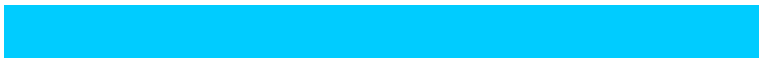
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



183.9630, 79.3700, -28.7420



172.5910, -8.3800, -57.4040



148.8180, -137.9550, -27.3870



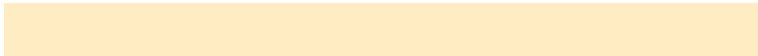
192.0370, 8.8870, 42.7030

Sweetspot

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



183.9630, 79.3700, -28.7420



236.8930, 24.8060, -9.0340



112.3730, 96.3180, 60.6220



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.



183.9630, 79.3700, -28.7420



181.6430, 100.4620, -36.5460



209.0060, 41.1390, -68.2770



116.2840, 4.9520, -1.6400



128.9780, 75.0140, -26.8900



39.6370, 22.6510, -8.5250

Inverse Universe

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



105.0370, -79.3700, 28.7420



81.3570, -100.4620, 36.5460



79.9940, -41.1390, 68.2770



111.7160, -4.9520, 1.6400



54.4350, -74.7390, 27.4130



16.9500, -22.9260, 8.0020

Previews

White Background



This preview shows how the YIQ color 183.9630, 79.3700, -28.7420 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 183.9630, 79.3700, -28.7420 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 183.9630, 79.3700, -28.7420

Background



This preview shows how black text looks on a background with the YIQ color 183.9630, 79.3700, -28.7420.



This preview shows how white text looks on a background with the YIQ color 183.9630, 79.3700, -28.7420.

-28.7420.

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

183.9630, 79.3700, -28.7420

Protanopia

182.6890, 59.2900, -39.2860

Deuteranopia

184.2510, 78.4990, -29.4770



Tritanopia

194.7010, 44.1030, 21.2150

Trichromacy



Original Color

183.9630, 79.3700, -28.7420

Protanomaly

183.2170, 66.6710, -35.3850

Deuteranomaly

184.2510, 78.4990, -29.4770

Tritanomaly

190.5660, 56.9440, 3.2480

Monochromacy



Original Color

183.9630, 79.3700, -28.7420

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.9920, 28.8410, -10.5750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.9630, 79.3700, -28.7420 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, 181, 47)` looks like.

```
.text, #text, p{  
    color:rgb(242, 181, 47)  
}
```

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, 181, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 181, 47) }
```

Border

The CSS property to change the border of an element to YIQ 183.9630, 79.3700, -28.7420 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, 181, 47) }
```


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

```
.border{ border-color:rgb(242, 181, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 181, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 181, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 181, 47);  
box-shadow:4px 4px 4px 4px rgb(242, 181,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 183.9630, 79.3700, -28.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 181, 47) }
```

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

```
.background{ background-color: rgb(242,  
181, 47) }
```

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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