

Converting Colors

YIQ(184.0510, 81.9380,
-31.2300)

Have a look what the booklet for
YIQ(184.0510, 81.9380, -31.2300)
contains.

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Color

**YIQ(184.0510, 81.9380,
-31.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B628
RGB	243, 182, 40
RGB Percent	95%, 71%, 16%
CMY	0.0470, 0.2864, 0.8427
CMYK	0.00, 0.25, 0.83, 0.05
HSL	42°, 89%, 56%
HSV	42°, 83%, 95%
XYZ	54.0747, 52.6565, 9.3311
YIQ	184.0510, 81.9380, -31.2300

Conversions

Conversions Part 2

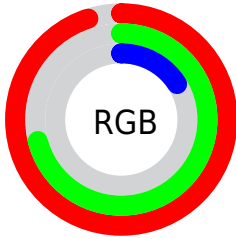
Format	Color
R_{YB}	127, 243, 40
Decimal	15971880
CIE _{Lab}	77.67, 10.55, 73.33
CIE _{LCh}	78, 74.081, 81.813
Yxy	52.6565, 0.4659, 0.4537
Android (android.graphics.Color)	4294161960 (0xFFFF3B628)
YUV	184.0510, -71.0171, 51.6983
Hunter-Lab	72.5648, 6.0284, 43.1713

Details

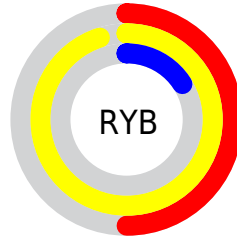
The YIQ color **184.0510, 81.9380, -31.2300** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **98.9490, -81.9380, 31.2300**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.3510, 54.4300, -39.3140**, and **130.1410, 72.9970, -28.8830** is the 20% darker color. If you saturate the color by 10%, you get **177.2060, 91.5670, -35.0330**, and if you desaturate by 10%, it is **190.8960, 72.3090, -27.4270**.

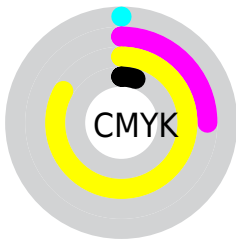
Distribution



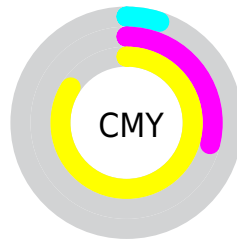
- Red (95%)
- Green (71%)
- Blue (16%)



- Red (50%)
- Yellow (95%)
- Blue (16%)



- Cyan (0%)
- Magenta (25%)
- Yellow (83%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.0510, 81.9380, -31.2300 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 184.0510, 81.9380, -31.2300 by changing the saturation by 10% instead.

184.0510, 81.9380,
-31.2300

184.0510, 81.9380,
-31.2300

255.0000, -0.0000,
-0.0000

154.3730, 83.7270,
-36.1210

227.3510, 54.4300,
-39.3140

130.1410, 72.9970,
-28.8830

240.5220, 40.7670,
-39.4970

107.0830, 61.7170,
-22.6910

243.7140, 31.7790,
-30.7890

84.3240, 51.0330,
-16.2870

246.9060, 22.7910,
-22.0810

62.1520, 40.0740,
-10.4060

250.2120, 13.4820,
-13.0620

41.7520, 29.7570,
-5.1470

253.6320, 3.8520,

22.2380, 19.7610,

-3.7320

-0.1990

■ 0.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 184.0510, 81.9380,
-31.2300

■ 184.0510, 81.9380,
-31.2300

■ 177.2060, 91.5670,
-35.0330

■ 190.8960, 72.3090,
-27.4270

■ 172.4470, 98.0780,
-37.3940

■ 198.4420, 62.0840,
-23.8360

■ 205.2870, 52.4550,
-20.0330

■ 212.1320, 42.8260,
-16.2300

■ 219.6780, 32.6010,
-12.6390

■ 226.5230, 22.9720,
-8.8360

■ 233.3680, 13.3430,
-5.0330

■ 240.3270, 3.3930,
-0.9190

■ 247.3030, -5.2270,
1.1170

Harmonies

Analogous

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



176.2190, 82.6660, -0.3580



184.0510, 81.9380, -31.2300



178.1540, 35.4510, -53.2930

Triad

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



184.0510, 81.9380, -31.2300



158.9620, -138.9610, -42.2010



193.9520, 28.6000, 54.3920

Complementary

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



184.0510, 81.9380, -31.2300



98.9490, -81.9380, 31.2300

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.



182.8470, -38.3330, 17.4030



184.0510, 81.9380, -31.2300



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.



184.0510, 81.9380, -31.2300



150.2810, -115.8950, -63.7590



149.4050, -138.2300, -27.9100



175.7770, 48.0860, 53.6700

Rectangle

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



184.0510, 81.9380, -31.2300



171.7540, -10.3970, -59.3970



149.4050, -138.2300, -27.9100



192.9340, 10.6750, 43.3390

Sweetspot

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



184.0510, 81.9380, -31.2300



236.5510, 25.7690, -9.9670



107.9930, 100.4440, 62.9400



116.5100, 15.8190, -5.8530



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.



184.0510, 81.9380, -31.2300



180.7310, 103.0300, -39.0340



208.7950, 43.1110, -70.9770



118.8710, 4.6770, -2.1630



131.9240, 75.1060, -28.5580



41.7080, 23.8890, -8.9350

Inverse Universe

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



98.9490, -81.9380, 31.2300



74.2690, -103.0300, 39.0340



74.2050, -43.1110, 70.9770



113.7160, -4.9520, 1.6400



54.0760, -75.1060, 28.5580



17.2920, -23.8890, 8.9350

Previews

White Background



This preview shows how the YIQ color 184.0510, 81.9380, -31.2300 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 184.0510, 81.9380, -31.2300 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 184.0510, 81.9380, -31.2300

Background



This preview shows how black text looks on a background with the YIQ color 184.0510, 81.9380, -31.2300.



This preview shows how white text looks on a background with the YIQ color 184.0510, 81.9380, -31.2300.

-31.2300.

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

184.0510, 81.9380, -31.2300

Protanopia

182.7770, 61.8580, -41.7740

Deuteranopia

183.7520, 81.3420, -31.4420



Tritanopia

195.5870, 44.4240, 20.9040

Trichromacy



Original Color

184.0510, 81.9380, -31.2300

Protanomaly

183.3050, 69.2390, -37.8730

Deuteranomaly

183.7520, 81.3420, -31.4420

Tritanomaly

191.1100, 58.2280, 2.0040

Monochromacy



Original Color

184.0510, 81.9380, -31.2300

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.7640, 29.4830, -11.1970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.0510, 81.9380, -31.2300 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(243, 182, 40)` looks like.

```
.text, #text, p{  
    color:rgb(243, 182, 40)  
}
```

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(243, 182, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 182, 40) }
```

Border

The CSS property to change the border of an element to YIQ 184.0510, 81.9380, -31.2300 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(243, 182, 40) }
```


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

```
.border{ border-color:rgb(243, 182, 40) }
```

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

Here you see how a box with a 4 pixel rgb(243, 182, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 182, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 182, 40);  
box-shadow:4px 4px 4px 4px rgb(243, 182,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 184.0510, 81.9380, -31.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 182, 40) }
```

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

```
.background{ background-color: rgb(243,  
182, 40) }
```

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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