

Converting Colors

YIQ(172.0310, -29.9300,
-52.3140)

Have a look what the booklet for
YIQ(172.0310, -29.9300, -52.3140)
contains.

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Color

**YIQ(172.0310, -29.9300,
-52.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	6FD674
RGB	111, 214, 116
RGB Percent	44%, 84%, 45%
CMY	0.5650, 0.1606, 0.5451
CMYK	0.48, 0.00, 0.46, 0.16
HSL	123°, 56%, 64%
HSV	123°, 48%, 84%
XYZ	33.7549, 52.7501, 24.9224
YIQ	172.0310, -29.9300, -52.3140

Conversions

Conversions Part 2

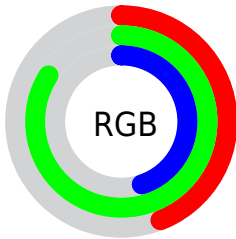
Format	Color
RYB	111, 209, 214
Decimal	7329396
CIELab	77.73, -49.92, 39.26
CIElCh	78, 63.503, 141.816
Yxy	52.7501, 0.3029, 0.4734
Android (android.graphics.Color)	4285519476 (0xFF6FD674)
YUV	172.0310, -27.6233, -53.5242
Hunter-Lab	72.6292, -44.1421, 30.4954

Details

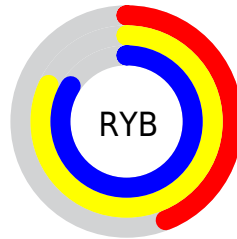
The YIQ color **172.0310, -29.9300, -52.3140** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **152.9690, 29.9300, 52.3140**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.1830, -24.2460, -45.1900**, and **115.4050, -33.9190, -51.6070** is the 20% darker color. If you saturate the color by 10%, you get **163.4720, -36.0260, -62.9860**, and if you desaturate by 10%, it is **180.5900, -23.8340, -41.6420**.

Distribution



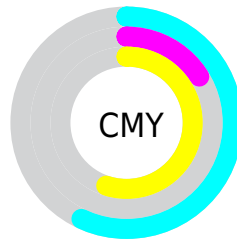
- Red (44%)
- Green (84%)
- Blue (45%)



- Red (44%)
- Yellow (82%)
- Blue (84%)



- Cyan (48%)
- Magenta (0%)
- Yellow (46%)
- Black (16%)



- Cyan (57%)
- Magenta (16%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.0310, -29.9300, -52.3140 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 172.0310, -29.9300, -52.3140 by changing the saturation by 10% instead.

■ 172.0310,
-29.9300, -52.3140

■ 172.0310,
-29.9300, -52.3140

■ 255.0000, -0.0000,
-0.0000

■ 143.9600,
-31.1680, -51.9040

■ 219.1830,
-24.2460, -45.1900

■ 115.4050,
-33.9190, -51.6070

■ 231.0460,
-15.9500, -30.3340

■ 82.9410, -47.3520,
-55.9600

■ 243.2080, -7.0580,
-15.2660

■ 63.7040, -33.3230,
-51.3950

■ 254.8860, 0.3210,
-0.3110

■ 46.9600, -22.0000,
-41.8400

■ 32.8720, -15.4000,
-29.2880

■ 19.9580, -9.3500,

-17.7820

■ 0.0000, 0.0000,
0.0000

■ 172.0310,
-29.9300, -52.3140

■ 172.0310,
-29.9300, -52.3140

■ 163.4720,
-36.0260, -62.9860

■ 180.5900,
-23.8340, -41.6420

■ 154.5000,
-42.3970, -74.1810

■ 189.5620,
-17.4630, -30.4470

■ 145.9410,
-48.4930, -84.8530


■ 198.1210,
-11.3670, -19.7750


■ 137.0830,
-55.1850, -95.7370


■ 206.9790, -4.6750,
-8.8910

■ 128.4100,
-60.9600, -106.7200

■ 215.6520, 1.1000,
2.0920

 126.8720,
-62.3810, -108.5010

 224.2110, 7.1960,
12.7640

 230.9330, 11.2750,
21.4430

Harmonies

Analogous

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



181.8410, 29.4430, -43.5250



172.0310, -29.9300, -52.3140



148.8620, -116.0330, -61.2570

Triad

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



172.0310, -29.9300, -52.3140



148.2310, -137.6800, -26.8640



177.5140, 63.8630, 26.5430

Complementary

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



172.0310, -29.9300, -52.3140



152.9690, 29.9300, 52.3140

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.



183.0660, 45.4740, 45.9380



172.0310, -29.9300, -52.3140



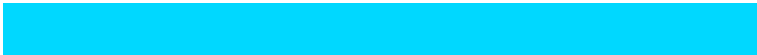
186.4240, -32.6480, 19.0000

Square

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



172.0310, -29.9300, -52.3140



155.8620, -141.2550, -33.6630



196.8540, 22.8240, 48.9360



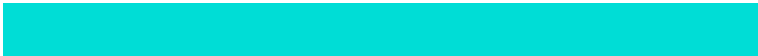
182.2660, 75.2840, 1.2680

Rectangle

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



172.0310, -29.9300, -52.3140



154.1230, -129.4690, -49.0290



196.8540, 22.8240, 48.9360



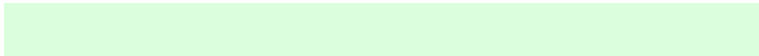
177.9190, 58.5890, 34.0210

Sweetspot

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



172.0310, -29.9300, -52.3140



240.3600, -10.5420, -18.2060



201.3610, 31.2750, -32.6690



119.0280, -6.3710, -11.1950



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.



172.0310, -29.9300, -52.3140



194.6740, -42.9470, -75.2270



177.7310, -45.9800, -36.7640



102.5710, -3.3460, -5.4420



101.2890, -49.5930, -86.9450



25.4690, -12.4670, -21.8670

Inverse Universe

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



152.9690, 29.9300, 52.3140



167.3260, 42.9470, 75.2270



147.2690, 45.9800, 36.7640



100.5430, 3.0250, 5.7530



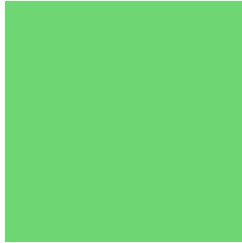
69.5970, 49.9140, 86.6340



17.5310, 12.4670, 21.8670

Previews

White Background



This preview shows how the YIQ color 172.0310, -29.9300, -52.3140 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 172.0310, -29.9300, -52.3140 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 172.0310, -29.9300, -52.3140 Background



This preview shows how black text looks on a background with the YIQ color 172.0310, -29.9300, -52.3140.



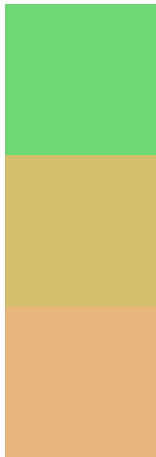
This preview shows how white text looks on a background with the YIQ color 172.0310, -29.9300, -52.3140.

-52.3140.

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

172.0310, -29.9300, -52.3140

Protanopia

187.2190, 37.9670, -21.7850

Deuteranopia

189.7400, 47.2260, -7.8620



Tritanopia

183.3070, -46.5810, -9.3410

Trichromacy



Original Color

172.0310, -29.9300, -52.3140



Protanomaly

181.4930, 13.3480, -32.6680



Deuteranomaly

183.5850, 19.2610, -24.1870



Tritanomaly

179.0450, -40.5720, -24.6360

Monochromacy



Original Color

172.0310, -29.9300, -52.3140



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

171.9470, -10.8170, -18.7290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.0310, -29.9300, -52.3140 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(111, 214, 116)` looks like.

```
.text, #text, p{  
    color:rgb(111, 214, 116)  
}
```

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(111, 214, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 214, 116) }
```

Border

The CSS property to change the border of an element to YIQ 172.0310, -29.9300, -52.3140 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(111, 214, 116) }
```


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

```
.border{ border-color:rgb(111, 214, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 214, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 214, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 214, 116); box-shadow:4px 4px 4px 4px rgb(111, 214, 116) }
```

Background

The CSS property to change the background color of an element to YIQ 172.0310, -29.9300, -52.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 214, 116) }
```

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

```
.background{ background-color: rgb(111,  
214, 116) }
```

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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