

Converting Colors

YIQ(171.4190, -28.5070,
-61.5870)

Have a look what the booklet for
YIQ(171.4190, -28.5070, -61.5870)
contains.

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Color

**YIQ(171.4190, -28.5070,
-61.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	6ADB62
RGB	106, 219, 98
RGB Percent	42%, 86%, 38%
CMY	0.5847, 0.1410, 0.6157
CMYK	0.52, 0.00, 0.55, 0.14
HSL	116°, 63%, 62%
HSV	116°, 55%, 86%
XYZ	33.4816, 54.6282, 20.3337
YIQ	171.4190, -28.5070, -61.5870

Conversions

Conversions Part 2

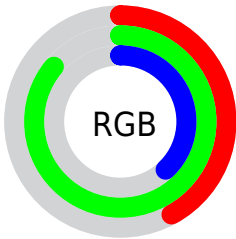
Format	Color
RYB	98, 219, 211
Decimal	7002978
CIELab	78.83, -55.61, 49.18
CIELCh	79, 74.236, 138.515
Yxy	54.6282, 0.3087, 0.5037
Android (android.graphics.Color)	4285193058 (0xFF6ADB62)
YUV	171.4190, -36.1956, -57.3725
Hunter-Lab	73.9109, -48.4836, 35.4263

Details

The YIQ color **171.4190, -28.5070, -61.5870** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **145.5810, 28.5070, 61.5870**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.3480, -20.5770, -51.1130**, and **112.7710, -35.4300, -62.7740** is the 20% darker color. If you saturate the color by 10%, you get **162.6320, -33.9610, -72.8810**, and if you desaturate by 10%, it is **179.9070, -23.6490, -50.5050**.

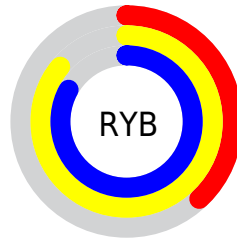
Distribution



Red (42%)

Green (86%)

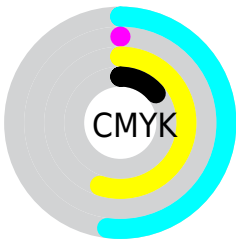
Blue (38%)



Red (38%)

Yellow (86%)

Blue (83%)

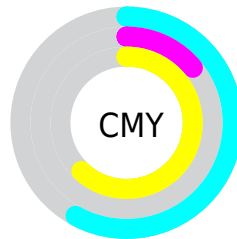


Cyan (52%)

Magenta (0%)

Yellow (55%)

Black (14%)



Cyan (58%)

Magenta (14%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.4190, -28.5070, -61.5870 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 171.4190, -28.5070, -61.5870 by changing the saturation by 10% instead.

■ 171.4190,
-28.5070, -61.5870

■ 171.4190,
-28.5070, -61.5870

■ 255.0000, -0.0000,
-0.0000

■ 142.7500,
-30.9370, -61.6010

■ 216.3480,
-20.5770, -51.1130

■ 112.7710,
-35.4300, -62.7740

■ 228.0970,
-11.9600, -36.5680

■ 81.4280, -41.8940,
-66.7740

■ 240.2590, -3.0680,
-21.5000

■ 64.5700, -30.2500,
-57.5300

■ 252.5350, 5.5030,
-6.1210

■ 49.3080, -23.1000,
-43.9320

■ 35.2200, -16.5000,
-31.3800

■ 21.7190, -10.1750,

-19.3510

■ 0.0000, 0.0000,
0.0000

■ 171.4190,
-28.5070, -61.5870

■ 171.4190,
-28.5070, -61.5870

■ 162.6320,
-33.9610, -72.8810

■ 179.9070,
-23.6490, -50.5050

■ 154.1440,
-38.8190, -83.9630

■ 188.6940,
-18.1950, -39.2110

■ 145.3570,
-44.2730, -95.2570

■ 197.1820,
-13.3370, -28.1290

■ 136.8690,
-49.1310, -106.3390

■ 205.9690, -7.8830,
-16.8350

■ 132.7390,
-51.8810, -111.5690

■ 214.4570, -3.0250,
-5.7530

■ 223.1300, 2.7500,
5.2300

■ 231.6180, 7.6080,
16.3120

■ 233.8680, 9.9000,
18.8280

Harmonies

Analogous

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



182.5030, 41.7780, -52.3180



171.4190, -28.5070, -61.5870



151.4720, -115.1150, -66.8830

Triad

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



171.4190, -28.5070, -61.5870



152.9270, -139.8800, -31.0480



171.3990, 65.9250, 33.2290

Complementary

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



171.4190, -28.5070, -61.5870



145.5810, 28.5070, 61.5870

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.



179.9660, 43.1800, 54.4760



171.4190, -28.5070, -61.5870



182.7810, -47.1350, 11.7210

Square

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



171.4190, -28.5070, -61.5870



160.5580, -143.4550, -37.8470



197.1640, 24.8870, 50.0950



177.2450, 79.7770, 2.4410

Rectangle

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



171.4190, -28.5070, -61.5870



158.1180, -131.0730, -53.0010



197.1640, 24.8870, 50.0950



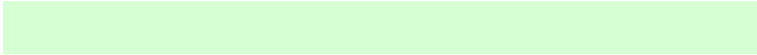
172.2600, 59.3670, 41.9510

Sweetspot

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



171.4190, -28.5070, -61.5870



237.8390, -10.6330, -22.0650



200.5100, 41.0410, -33.4470



117.8600, -5.9580, -13.1740



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.



171.4190, -28.5070, -61.5870



188.9050, -39.6440, -85.5320



174.9550, -49.9670, -47.1110



105.4570, -3.0250, -5.7530



104.8400, -41.0190, -88.1470



27.8990, -10.8620, -23.4220

Inverse Universe

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



145.5810, 28.5070, 61.5870



153.0950, 39.6440, 85.5320



142.0450, 49.9670, 47.1110



103.2440, 2.4290, 5.5410



68.1600, 41.0190, 88.1470



18.1010, 10.8620, 23.4220

Previews

White Background



This preview shows how the YIQ color 171.4190, -28.5070, -61.5870 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 171.4190, -28.5070, -61.5870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

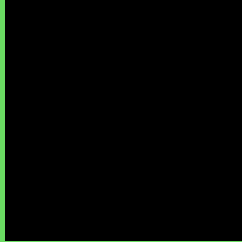
Any Text WCAG AA ✓ Pass

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 171.4190, -28.5070, -61.5870 Background



This preview shows how black text looks on a background with the YIQ color 171.4190, -28.5070, -61.5870.



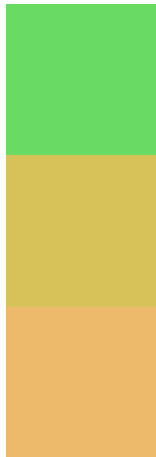
This preview shows how white text looks on a background with the YIQ color 171.4190, -28.5070, -61.5870.

-61.5870.

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

171.4190, -28.5070, -61.5870

Protanopia

188.4230, 45.9000, -27.8920

Deuteranopia

191.6560, 56.0300, -13.2340



Tritanopia

185.6980, -49.2400, -10.7120

Trichromacy



Original Color

171.4190, -28.5070, -61.5870



Protanomaly

182.0880, 18.6220, -40.1460



Deuteranomaly

184.0060, 25.0850, -30.6190



Tritanomaly

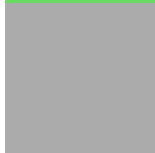
180.8120, -41.5340, -29.2300

Monochromacy



Original Color

171.4190, -28.5070, -61.5870



Achromatopsia

171.0000, -0.0000, -0.0000



Achromatomaly

170.7250, -10.3120, -22.3760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.4190, -28.5070, -61.5870 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(106, 219, 98)` looks like.

```
.text, #text, p{  
    color:rgb(106, 219, 98)  
}
```

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(106, 219, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 219, 98) }
```

Border

The CSS property to change the border of an element to YIQ 171.4190, -28.5070, -61.5870 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(106, 219, 98) }
```


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

```
.border{ border-color:rgb(106, 219, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 219, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 219, 98); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 219, 98); box-shadow:4px 4px 4px 4px rgb(106, 219, 98) }
```

Background

The CSS property to change the background color of an element to YIQ 171.4190, -28.5070, -61.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 219, 98) }
```

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

```
.background{ background-color: rgb(106,  
219, 98) }
```

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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