

Converting Colors

YIQ(176.9140, 27.1990,
-57.9290)

Have a look what the booklet for
YIQ(176.9140, 27.1990, -57.9290)
contains.

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Color

**YIQ(176.9140, 27.1990,
-57.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	A7CF30
RGB	167, 207, 48
RGB Percent	65%, 81%, 19%
CMY	0.3453, 0.1882, 0.8115
CMYK	0.19, 0.00, 0.77, 0.19
HSL	75°, 62%, 50%
HSV	75°, 77%, 81%
XYZ	38.7774, 53.0576, 11.0000
YIQ	176.9140, 27.1990, -57.9290

Conversions

Conversions Part 2

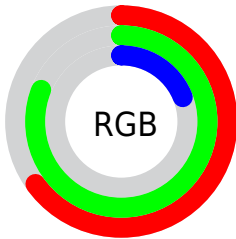
Format	Color
RYB	48, 207, 88
Decimal	10997552
CIELab	77.91, -33.94, 68.76
CIELCh	78, 76.685, 116.272
Yxy	53.0576, 0.3771, 0.5159
Android (android.graphics.Color)	4289187632 (0xFFA7CF30)
YUV	176.9140, -63.5546, -8.6946
Hunter-Lab	72.8406, -32.4449, 42.0348

Details

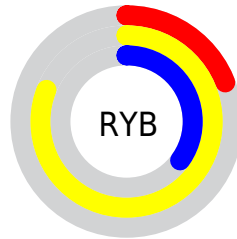
The YIQ color **176.9140, 27.1990, -57.9290** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **78.0860, -27.1990, 57.9290**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.1580, 29.6280, -52.3880**, and **122.7010, 23.4850, -56.6990** is the 20% darker color. If you saturate the color by 10%, you get **173.0250, 30.9600, -65.5200**, and if you desaturate by 10%, it is **180.8030, 23.4380, -50.3380**.

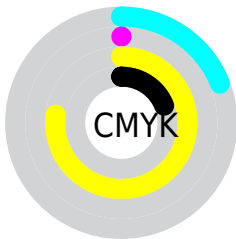
Distribution



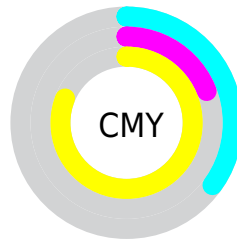
- Red (65%)
- Green (81%)
- Blue (19%)



- Red (19%)
- Yellow (81%)
- Blue (35%)



- Cyan (19%)
- Magenta (0%)
- Yellow (77%)
- Black (19%)



- Cyan (35%)
- Magenta (19%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.9140, 27.1990, -57.9290 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 176.9140, 27.1990, -57.9290 by changing the saturation by 10% instead.

■ 176.9140, 27.1990,
-57.9290

■ 176.9140, 27.1990,
-57.9290

■ 255.0000, -0.0000,
-0.0000

■ 146.5630, 32.3810,
-63.7390

■ 229.1580, 29.6280,
-52.3880

■ 122.7010, 23.4850,
-56.6990

■ 241.3200, 38.5200,
-37.3200

■ 98.4800, 14.2220,
-48.5140

■ 244.5120, 29.5320,
-28.6120

■ 75.7320, 5.0050,
-41.1630

■ 247.8180, 20.2230,
-19.5930

■ 52.3750, -6.8710,
-35.1830

■ 251.1240, 10.9140,
-10.5740

■ 31.6980, -14.8500,
-28.2420

■ 254.4300, 1.6050,

■ 19.9580, -9.3500,

-1.5550

-17.7820

■ 0.0000, 0.0000,
0.0000

■ 176.9140, 27.1990,
-57.9290

■ 176.9140, 27.1990,
-57.9290

■ 173.0250, 30.9600,
-65.5200

■ 180.8030, 23.4380,
-50.3380

■ 169.2500, 34.4000,
-72.8000

■ 184.5780, 19.9980,
-43.0580

■ 167.8540, 35.4550,
-75.4010

■ 188.7660, 16.8330,
-35.2550

■ 192.6550, 13.0720,
-27.6640

■ 196.5440, 9.3110,
-20.0730

■ 200.3190, 5.8710,
-12.7930

■ 204.2080, 2.1100,
-5.2020

■ 208.3960, -1.0550,
2.6010

■ 212.1710, -4.4950,
9.8810

Harmonies

Analogous

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



182.7100, 81.1600, -39.1600



176.9140, 27.1990, -57.9290



159.8050, -59.1330, -68.2290

Triad

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



176.9140, 27.1990, -57.9290



157.6230, -142.0800, -35.2320



172.4030, 52.0750, 52.9630

Complementary

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



176.9140, 27.1990, -57.9290



78.0860, -27.1990, 57.9290

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.



191.0170, 29.9750, 57.0070



176.9140, 27.1990, -57.9290



148.8180, -137.9550, -27.3870

Square

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



176.9140, 27.1990, -57.9290



161.6180, -143.6840, -39.2040



186.1800, -25.9090, 23.5230



167.8310, 73.2160, 27.7440

Rectangle

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



176.9140, 27.1990, -57.9290



149.2720, -111.6760, -68.6360



186.1800, -25.9090, 23.5230



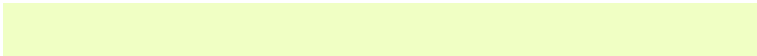
177.3730, 43.5920, 58.0240

Sweetspot

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



176.9140, 27.1990, -57.9290



243.7890, 9.9990, -21.5290



119.0210, 83.7640, 12.7880



121.2050, 6.1920, -13.1040



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.



176.9140, 27.1990, -57.9290



210.5690, 40.2710, -85.5930



153.2930, -19.8850, -74.6770



102.8490, 1.7430, -4.0570



136.2900, 28.8960, -61.1520



33.3360, 7.2010, -14.8710

Inverse Universe

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



78.0860, -27.1990, 57.9290



64.7300, -39.6750, 85.8050



101.7070, 19.8850, 74.6770



96.1510, -1.7430, 4.0570



31.7100, -28.8960, 61.1520



7.6640, -7.2010, 14.8710

Previews

White Background



This preview shows how the YIQ color 176.9140, 27.1990, -57.9290 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 176.9140, 27.1990, -57.9290 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 176.9140, 27.1990, -57.9290

Background



This preview shows how black text looks on a background with the YIQ color 176.9140, 27.1990, -57.9290.



This preview shows how white text looks on a background with the YIQ color 176.9140, 27.1990,

-57.9290.

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

176.9140, 27.1990, -57.9290

Protanopia

182.3040, 61.8120, -40.9400

Deuteranopia

185.6190, 74.6470, -25.7450



Tritanopia

192.0190, -10.1790, 2.7570

Trichromacy



Original Color

176.9140, 27.1990, -57.9290

Protanomaly

179.9710, 49.3880, -47.0600

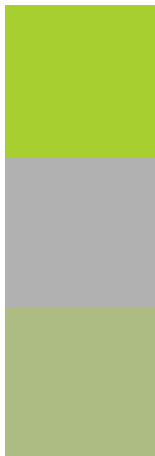
Deuteranomaly

182.3730, 57.3640, -37.4200

Tritanomaly

186.5480, 3.4880, -19.1680

Monochromacy



Original Color

176.9140, 27.1990, -57.9290

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.9030, 9.6780, -21.2180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.9140, 27.1990, -57.9290 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(167, 207, 48)` looks like.

```
.text, #text, p{  
    color:rgb(167, 207, 48)  
}
```

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(167, 207, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 207, 48) }
```

Border

The CSS property to change the border of an element to YIQ 176.9140, 27.1990, -57.9290 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(167, 207, 48) }
```


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

```
.border{ border-color:rgb(167, 207, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 207, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 207, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 207, 48);  
box-shadow:4px 4px 4px 4px rgb(167, 207,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 176.9140, 27.1990, -57.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 207, 48) }
```

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

```
.background{ background-color: rgb(167,  
207, 48) }
```

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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