

Converting Colors

YIQ(87.9160, -19.8410,
-64.4570)

Have a look what the booklet for
YIQ(87.9160, -19.8410, -64.4570)
contains.

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Color

**YIQ(87.9160, -19.8410,
-64.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	1D8700
RGB	29, 135, 0
RGB Percent	11%, 53%, 0%
CMY	0.8866, 0.4704, 0.9999
CMYK	0.79, 0.00, 1.00, 0.47
HSL	107°, 100%, 26%
HSV	107°, 100%, 53%
XYZ	9.1745, 17.6003, 2.9138
YIQ	87.9160, -19.8410, -64.4570

Conversions

Conversions Part 2

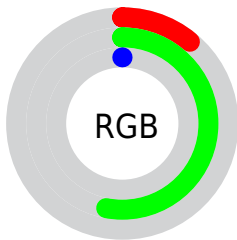
Format	Color
RYB	0, 135, 106
Decimal	1935104
CIELab	49.01, -50.85, 52.26
CIELCh	49, 72.913, 134.214
Yxy	17.6003, 0.3090, 0.5928
Android (android.graphics.Color)	4280125184 (0xFF1D8700)
YUV	87.9160, -43.3426, -51.6693
Hunter-Lab	41.9527, -34.3817, 25.2489

Details

The YIQ color **87.9160, -19.8410, -64.4570** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **47.0840, 19.8410, 64.4570**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.4590, -16.8160, -58.7040**, and **49.3080, -23.1000, -43.9320** is the 20% darker color. If you saturate the color by 10%, you get **87.9160, -19.8410, -64.4570**, and if you desaturate by 10%, it is **92.8010, -17.7790, -57.7710**.

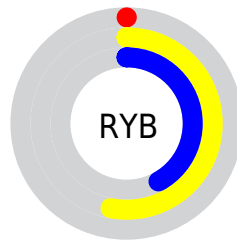
Distribution



Red (11%)

Green (53%)

Blue (0%)



Red (0%)

Yellow (53%)

Blue (42%)

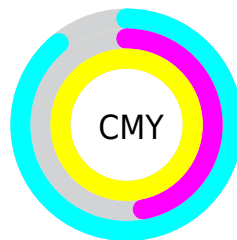


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (89%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.9160, -19.8410, -64.4570 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 87.9160, -19.8410, -64.4570 by changing the saturation by 10% instead.

■ 87.9160, -19.8410,
-64.4570

■ 87.9160, -19.8410,
-64.4570

■ 255.0000, -0.0000,
-0.0000

■ 63.9830, -29.9750,
-57.0070

■ 146.5730,
-17.1370, -58.3930

■ 49.3080, -23.1000,
-43.9320

■ 175.2310,
-16.1740, -59.3260

■ 34.6330, -16.2250,
-30.8570

■ 203.4160,
-15.2570, -59.4250

■ 21.7190, -10.1750,
-19.3510

■ 220.4480, -9.1150,
-49.5870

■ 0.0000, 0.0000,
0.0000

■ 232.1970, -0.4980,
-35.0420

■ 244.4730, 8.0730,

-19.6630

■ 252.1500, 8.0250,
-7.7750

■ 87.9160, -19.8410,
-64.4570

■ 92.8010, -17.7790,
-57.7710

■ 97.2730, -15.9920,
-51.6080

■ 102.1580,
-13.9300, -44.9220

■ 106.6300,
-12.1430, -38.7590

■ 111.5150,
-10.0810, -32.0730

■ 116.2860, -7.6980,
-25.6980

■ 120.8720, -6.2320,
-19.2240

■ 125.6430, -3.8490,
-12.8490

■ 130.2290, -2.3830,
-6.3750

Harmonies

Analogous

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



106.2870, 34.1190, -40.1610



87.9160, -19.8410, -64.4570



91.8870, -64.4550, -48.8630

Triad

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



87.9160, -19.8410, -64.4570



104.9750, -112.3310, 3.8370



97.4820, 94.3930, 56.9610

Complementary

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



87.9160, -19.8410, -64.4570



47.0840, 19.8410, 64.4570

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.



105.9350, 62.8010, 67.8330



87.9160, -19.8410, -64.4570



94.0500, -107.7480, 14.3960

Square

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



87.9160, -19.8410, -64.4570



105.7950, -103.6170, -10.9210



118.8380, 2.5580, 52.7820



106.1040, 93.8960, 16.3920

Rectangle

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



87.9160, -19.8410, -64.4570



98.0770, -79.1290, -36.2250



118.8380, 2.5580, 52.7820



96.6420, 88.4310, 65.8950

Sweetspot

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



87.9160, -19.8410, -64.4570



157.4000, -8.0190, -25.3870



102.5870, 51.3100, -26.8180



77.8770, -4.6280, -15.2520



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9160, -19.8410, -64.4570



114.6740, -25.7520, -83.9920



83.5770, -49.3230, -58.7870



63.8210, -1.0540, -2.9260



84.6820, -19.0620, -62.0540



2.0600, -0.2290, -1.3570

Inverse Universe

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



47.0840, 19.8410, 64.4570



61.3260, 25.7520, 83.9920



51.4230, 49.3230, 58.7870



62.1790, 1.0540, 2.9260



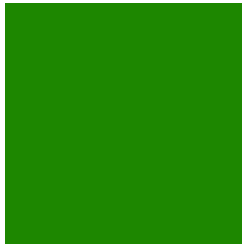
45.3180, 19.0620, 62.0540



0.9400, 0.2290, 1.3570

Previews

White Background



This preview shows how the YIQ color 87.9160, -19.8410, -64.4570 looks on a white background.

Color Contrast Check

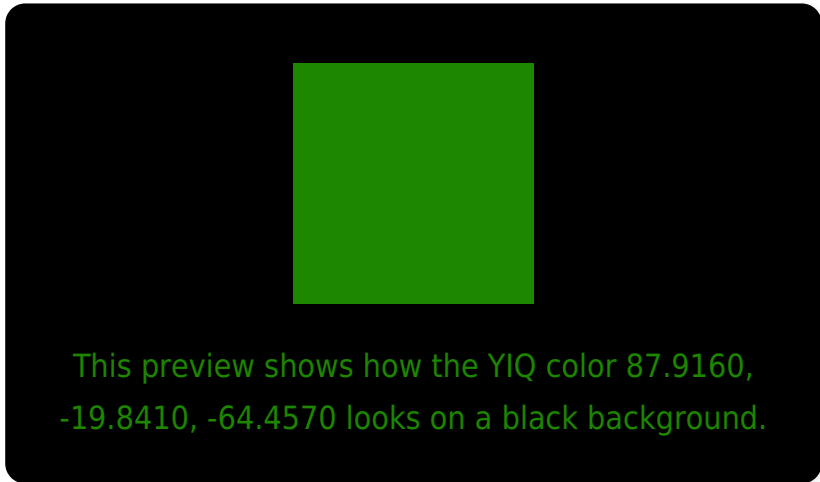
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 87.9160, -19.8410, -64.4570

Background



This preview shows how black text looks on a background with the YIQ color 87.9160, -19.8410, -64.4570.



This preview shows how white text looks on a background with the YIQ color 87.9160, -19.8410,

-64.4570.

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

87.9160, -19.8410, -64.4570

Protanopia

107.2610, 46.1760, -32.8960

Deuteranopia

111.5300, 47.4570, -17.5590



Tritanopia

108.0040, -41.3540, -10.4580

Trichromacy



Original Color

87.9160, -19.8410, -64.4570

Protanomaly

100.3070, 22.1990, -44.4010

Deuteranomaly

102.7020, 22.8850, -34.8030

Tritanomaly

100.5910, -33.6020, -29.8100

Monochromacy



Original Color

87.9160, -19.8410, -64.4570

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.0520, -6.9190, -23.2950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.9160, -19.8410, -64.4570 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(29, 135, 0)` looks like.

```
.text, #text, p{  
    color:rgb(29, 135, 0)  
}
```

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(29, 135, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 135, 0) }
```

Border

The CSS property to change the border of an element to YIQ 87.9160, -19.8410, -64.4570 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(29, 135, 0) }
```


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

```
.border{ border-color:rgb(29, 135, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 135, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 135, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 135, 0);  
box-shadow:4px 4px 4px 4px rgb(29, 135, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 87.9160, -19.8410, -64.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 135, 0) }
```

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

```
.background{ background-color: rgb(29, 135,  
0) }
```

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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