

Converting Colors

YIQ(71.6360, -21.4480,
-51.8480)

Have a look what the booklet for
YIQ(71.6360, -21.4480, -51.8480)
contains.

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Color

**YIQ(71.6360, -21.4480,
-51.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	136F07
RGB	19, 111, 7
RGB Percent	7%, 44%, 3%
CMY	0.9258, 0.5645, 0.9725
CMYK	0.83, 0.00, 0.94, 0.56
HSL	113°, 88%, 23%
HSV	113°, 94%, 44%
XYZ	5.9941, 11.5303, 2.1106
YIQ	71.6360, -21.4480, -51.8480

Conversions

Conversions Part 2

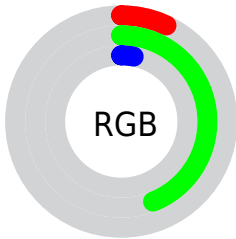
Format	Color
RYB	7, 111, 99
Decimal	1273607
CIELab	40.46, -44.34, 43.62
CIELCh	40, 62.198, 135.470
Yxy	11.5303, 0.3053, 0.5872
Android (android.graphics.Color)	4279463687 (0xFF136F07)
YUV	71.6360, -31.8655, -46.1618
Hunter-Lab	33.9563, -27.9139, 20.0841

Details

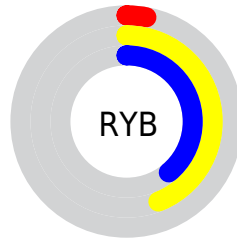
The YIQ color **71.6360, -21.4480, -51.8480** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **46.3640, 21.4480, 51.8480**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9680, -16.4510, -48.7950**, and **36.3940, -17.0500, -32.4260** is the 20% darker color. If you saturate the color by 10%, you get **69.0440, -22.7770, -55.2970**, and if you desaturate by 10%, it is **75.8800, -19.0190, -46.3070**.

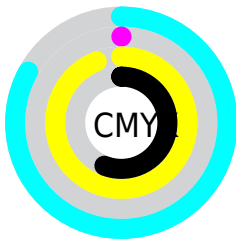
Distribution



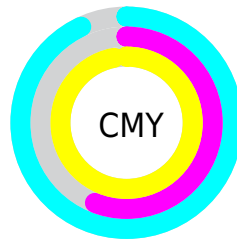
- Red (7%)
- Green (44%)
- Blue (3%)



- Red (3%)
- Yellow (44%)
- Blue (39%)



- Cyan (83%)
- Magenta (0%)
- Yellow (94%)
- Black (56%)





- Cyan (93%)
- Magenta (56%)
- Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 71.6360, -21.4480, -51.8480 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 71.6360, -21.4480, -51.8480 by changing the saturation by 10% instead.


 71.6360, -21.4480,
-51.8480


 71.6360, -21.4480,
-51.8480


254.7720, 0.6420,
-0.6220


 50.4820, -23.6500,
-44.9780


 127.9680,
-16.4510, -48.7950


 36.3940, -17.0500,
-32.4260

 155.1530,
-15.5340, -48.8940


 24.0670, -11.2750,
-21.4430

 182.9250,
-14.8920, -49.5160

 1.7610, -0.8250,
-1.5690

 211.2840,
-14.5250, -50.6610


 0.0000, 0.0000,
0.0000


 227.1420, -7.8330,
-39.7770


 239.0050, 0.4630,


-24.9210


 250.8680, 8.7590,
-10.0650


 71.6360, -21.4480,
-51.8480


 71.6360, -21.4480,
-51.8480


 69.0440, -22.7770,
-55.2970

 75.8800, -19.0190,
-46.3070

 80.1240, -16.5900,
-40.7660

 84.0690, -14.7570,
-35.4370

 88.3130, -12.3280,
-29.8960

 92.6710, -10.2200,
-24.0440

■ 96.9150, -7.7910,
-18.5030

■ 101.1590, -5.3620,
-12.9620

■ 105.4030, -2.9330,
-7.4210

■ 109.3480, -1.1000,
-2.0920

Harmonies

Analogous

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



86.7950, 27.0570, -33.3190



71.6360, -21.4480, -51.8480



75.8440, -53.7280, -39.5200

Triad

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



71.6360, -21.4480, -51.8480



85.6260, -92.2950, 4.1610



81.1220, 77.4310, 44.9750

Complementary

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



71.6360, -21.4480, -51.8480



46.3640, 21.4480, 51.8480

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.



87.0550, 53.1750, 55.0550



71.6360, -21.4480, -51.8480



76.8210, -88.1700, 12.0060

Square

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



71.6360, -21.4480, -51.8480



87.2440, -85.8280, -8.4200



97.0520, 4.5310, 44.5550



87.0850, 77.7120, 12.3360

Rectangle

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



71.6360, -21.4480, -51.8480



80.5350, -65.5590, -28.8470



97.0520, 4.5310, 44.5550



80.5980, 73.3950, 52.0430

Sweetspot

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



71.6360, -21.4480, -51.8480



129.6760, -8.6160, -20.0720



92.1000, 36.6840, -26.0680



64.5720, -5.0870, -12.4390



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



71.6360, -21.4480, -51.8480



90.1980, -29.7430, -72.2310



72.6080, -41.4400, -41.9520



53.8210, -1.0540, -2.9260



74.6260, -24.6560, -59.7920



153.3610, -51.2370, -123.2450

Inverse Universe

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



46.3640, 21.4480, 51.8480



55.1010, 30.3390, 72.4430



45.3920, 41.4400, 41.9520



52.1790, 1.0540, 2.9260



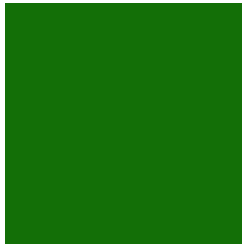
45.3740, 24.6560, 59.7920



93.6390, 51.2370, 123.2450

Previews

White Background



This preview shows how the YIQ color 71.6360, -21.4480, -51.8480 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



This preview shows how the YIQ color 71.6360, -21.4480, -51.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.6360, -21.4480, -51.8480

Background



This preview shows how black text looks on a background with the YIQ color 71.6360, -21.4480, -51.8480.



This preview shows how white text looks on a background with the YIQ color 71.6360, -21.4480,

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

71.6360, -21.4480, -51.8480

Protanopia

87.7580, 37.6470, -27.0010

Deuteranopia

91.5600, 38.7450, -13.8550



Tritanopia

87.8800, -35.0730, -8.6490

Trichromacy



Original Color

71.6360, -21.4480, -51.8480

Protanomaly

82.0540, 15.9620, -35.9900

Deuteranomaly

84.3950, 16.7400, -28.0600

Tritanomaly

82.0200, -30.2560, -24.3680

Monochromacy



Original Color

71.6360, -21.4480, -51.8480

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.8010, -7.4700, -18.8140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.6360, -21.4480, -51.8480 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(19, 111, 7)` looks like.

```
.text, #text, p{  
    color:rgb(19, 111, 7)  
}
```

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(19, 111, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 111, 7) }
```

Border

The CSS property to change the border of an element to YIQ 71.6360, -21.4480, -51.8480 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(19, 111, 7) }
```


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

```
.border{ border-color:rgb(19, 111, 7) }
```

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

Here you see how a box with a 4 pixel rgb(19, 111, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 111, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 111, 7);  
box-shadow:4px 4px 4px 4px rgb(19, 111, 7)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.6360, -21.4480, -51.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 111, 7) }
```

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

```
.background{ background-color: rgb(19, 111,  
7) }
```

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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