

Converting Colors

YIQ(114.1370, -46.1090,
-84.0050)

Have a look what the booklet for
YIQ(114.1370, -46.1090, -84.0050)
contains.

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Color

**YIQ(114.1370, -46.1090,
-84.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	12B516
RGB	18, 181, 22
RGB Percent	7%, 71%, 9%
CMY	0.9299, 0.2899, 0.9137
CMYK	0.90, 0.00, 0.88, 0.29
HSL	122°, 82%, 39%
HSV	122°, 90%, 71%
XYZ	16.9295, 33.2607, 6.2860
YIQ	114.1370, -46.1090, -84.0050

Conversions

Conversions Part 2

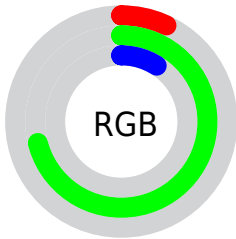
Format	Color
RYB	18, 177, 181
Decimal	1226006
CIELab	64.37, -65.11, 61.27
CIELCh	64, 89.405, 136.737
Yxy	33.2607, 0.2998, 0.5889
Android (android.graphics.Color)	4279416086 (0xFF12B516)
YUV	114.1370, -45.4235, -84.3121
Hunter-Lab	57.6721, -48.5279, 33.9082

Details

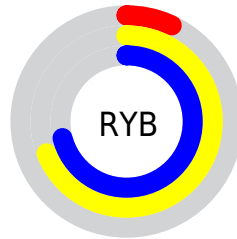
The YIQ color **114.1370, -46.1090, -84.0050** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **84.8630, 46.1090, 84.0050**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8940, -31.9430, -76.4150**, and **73.9620, -34.6500, -65.8980** is the 20% darker color. If you saturate the color by 10%, you get **106.8170, -51.3800, -93.1080**, and if you desaturate by 10%, it is **121.5710, -41.1590, -74.5910**.

Distribution



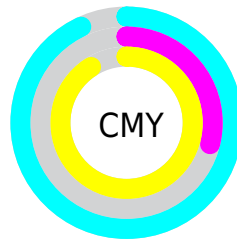
- Red (7%)
- Green (71%)
- Blue (9%)



- Red (7%)
- Yellow (69%)
- Blue (71%)



- Cyan (90%)
- Magenta (0%)
- Yellow (88%)
- Black (29%)



- Cyan (93%)
- Magenta (29%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.1370, -46.1090, -84.0050 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 114.1370, -46.1090, -84.0050 by changing the saturation by 10% instead.

■ 114.1370,
-46.1090, -84.0050

■ 114.1370,
-46.1090, -84.0050

■ 255.0000, -0.0000,
-0.0000

■ 89.8110, -42.0750,
-80.0190

■ 179.8940,
-31.9430, -76.4150

■ 73.9620, -34.6500,
-65.8980

■ 202.2200,
-26.8090, -70.3370

■ 58.7000, -27.5000,
-52.3000

■ 214.6810,
-17.3210, -55.0570

■ 44.0250, -20.6250,
-39.2250

■ 227.1420, -7.8330,
-39.7770

■ 29.9370, -14.0250,
-26.6730

■ 239.3040, 1.0590,
-24.7090

■ 14.0880, -6.6000,
-12.5520

■ 251.5800, 9.6300,

■ 0.0000, 0.0000,

-9.3300

0.0000

■ 114.1370,
-46.1090, -84.0050

■ 114.1370,
-46.1090, -84.0050

■ 106.8170,
-51.3800, -93.1080

■ 121.5710,
-41.1590, -74.5910

■ 128.8910,
-35.8880, -65.4880

■ 136.3250,
-30.9380, -56.0740

■ 143.7590,
-25.9880, -46.6600

■ 151.0790,
-20.7170, -37.5570

■ 158.8120,
-15.1710, -27.9310

■ 166.2460,
-10.2210, -18.5170

■ 173.5660, -4.9500,
-9.4140

■ 181.0000, -0.0000,
0.0000

Harmonies

Analogous

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



141.3950, 41.9620, -55.6540



114.1370, -46.1090, -84.0050



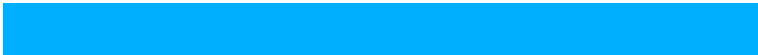
123.6940, -89.2570, -61.9370

Triad

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



114.1370, -46.1090, -84.0050



132.3820, -130.2550, -12.7430



121.6400, 99.9400, 61.0600

Complementary

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



114.1370, -46.1090, -84.0050



84.8630, 46.1090, 84.0050

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.



134.2820, 72.6100, 82.8020



114.1370, -46.1090, -84.0050



117.7070, -123.3800, 0.3320

Square

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



114.1370, -46.1090, -84.0050



139.4260, -133.5550, -19.0190



157.3270, 14.8430, 66.9310



139.0490, 112.9240, 12.9560

Rectangle

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



114.1370, -46.1090, -84.0050



131.2520, -107.7830, -45.5670



157.3270, 14.8430, 66.9310



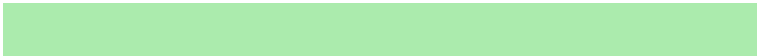
120.0220, 93.4730, 73.6410

Sweetspot

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



114.1370, -46.1090, -84.0050



208.7960, -18.2420, -32.8500



161.5210, 50.5350, -51.3290



101.8330, -10.4960, -19.0400



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



114.1370, -46.1090, -84.0050



138.6290, -66.5510, -121.0390



123.2570, -71.7890, -59.1250



88.2830, -2.4750, -4.7070



92.0280, -44.1840, -80.3440



16.5500, -8.0210, -14.3330

Inverse Universe

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



84.8630, 46.1090, 84.0050



96.3710, 66.5510, 121.0390



75.7430, 71.7890, 59.1250



86.7170, 2.4750, 4.7070



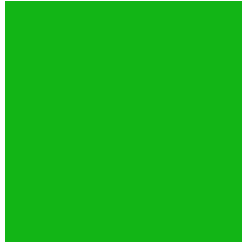
63.9720, 44.1840, 80.3440



11.4500, 8.0210, 14.3330

Previews

White Background



This preview shows how the YIQ color 114.1370, -46.1090, -84.0050 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 114.1370, -46.1090, -84.0050 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 114.1370, -46.1090, -84.0050 Background



This preview shows how black text looks on a background with the YIQ color 114.1370, -46.1090, -84.0050.



This preview shows how white text looks on a background with the YIQ color 114.1370, -46.1090, -84.0050.

-84.0050.

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

114.1370, -46.1090, -84.0050

Protanopia

144.6780, 57.8230, -40.2330

Deuteranopia

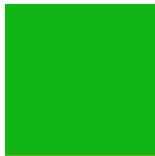
149.3110, 61.0750, -22.0690



Tritanopia

142.3870, -58.7300, -14.9380

Trichromacy



Original Color

114.1370, -46.1090, -84.0050



Protanomaly

133.3740, 20.0920, -55.7800



Deuteranomaly

136.3070, 22.1990, -44.4010



Tritanomaly

132.4310, -54.0030, -40.0430

Monochromacy



Original Color

114.1370, -46.1090, -84.0050



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.8610, -16.8670, -30.2350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.1370, -46.1090, -84.0050 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(18, 181, 22)` looks like.

```
.text, #text, p{  
    color:rgb(18, 181, 22)  
}
```

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(18, 181, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 181, 22) }
```

Border

The CSS property to change the border of an element to YIQ 114.1370, -46.1090, -84.0050 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(18, 181, 22) }
```


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

```
.border{ border-color:rgb(18, 181, 22) }
```

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

Here you see how a box with a 4 pixel rgb(18, 181, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 181, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 181, 22);  
box-shadow:4px 4px 4px 4px rgb(18, 181,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 114.1370, -46.1090, -84.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 181, 22) }
```

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

```
.background{ background-color: rgb(18, 181,  
22) }
```

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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