

Converting Colors

YIQ(132.9700, -46.2960,
-64.0880)

Have a look what the booklet for
YIQ(132.9700, -46.2960, -64.0880)
contains.

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Color

**YIQ(132.9700, -46.2960,
-64.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	31BB4B
RGB	49, 187, 75
RGB Percent	19%, 73%, 29%
CMY	0.8082, 0.2664, 0.7060
CMYK	0.74, 0.00, 0.60, 0.27
HSL	131°, 59%, 46%
HSV	131°, 74%, 73%
XYZ	20.3135, 36.7232, 12.6698
YIQ	132.9700, -46.2960, -64.0880

Conversions

Conversions Part 2

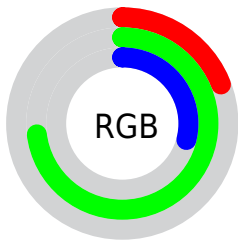
Format	Color
RYB	49, 165, 187
Decimal	3259211
CIELab	67.07, -59.11, 45.58
CIELCh	67, 74.647, 142.366
Yxy	36.7232, 0.2914, 0.5268
Android (android.graphics.Color)	4281449291 (0xFF31BB4B)
YUV	132.9700, -28.5792, -73.6417
Hunter-Lab	60.5997, -46.2150, 30.0238

Details

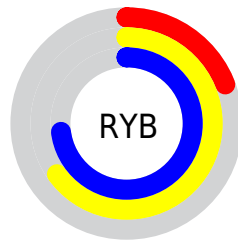
The YIQ color **132.9700, -46.2960, -64.0880** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **103.0300, 46.2960, 64.0880**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3900, -38.7310, -63.5230**, and **79.8780, -43.0410, -62.5050** is the 20% darker color. If you saturate the color by 10%, you get **125.5790, -52.8050, -72.7810**, and if you desaturate by 10%, it is **140.3610, -39.7870, -55.3950**.

Distribution



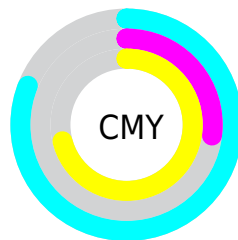
- Red (19%)
- Green (73%)
- Blue (29%)



- Red (19%)
- Yellow (65%)
- Blue (73%)



- Cyan (74%)
- Magenta (0%)
- Yellow (60%)
- Black (27%)



- Cyan (81%)
- Magenta (27%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.9700, -46.2960, -64.0880 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 132.9700, -46.2960, -64.0880 by changing the saturation by 10% instead.

■ 132.9700,
-46.2960, -64.0880

■ 132.9700,
-46.2960, -64.0880

■ 255.0000, -0.0000,
-0.0000

■ 98.9190, -59.4540,
-67.9180

■ 192.0910,
-39.3270, -63.7350

■ 79.8780, -43.0410,
-62.5050

■ 210.8950,
-32.5430, -54.5190

■ 62.2220, -29.1500,
-55.4380

■ 222.7580,
-24.2470, -39.6630

■ 46.9600, -22.0000,
-41.8400

■ 234.9200,
-15.3550, -24.5950

■ 32.8720, -15.4000,
-29.2880

■ 247.4950, -6.1880,
-9.0040

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,

0.0000

■ 132.9700,
-46.2960, -64.0880

■ 132.9700,
-46.2960, -64.0880

■ 125.5790,
-52.8050, -72.7810

■ 140.3610,
-39.7870, -55.3950

■ 118.1880,
-59.3140, -81.4740

■ 147.4530,
-33.8740, -46.9140

■ 113.7590,
-62.6600, -86.9160

■ 154.9580,
-27.6860, -37.9100

■ 162.3490,
-21.1770, -29.2170

■ 169.4410,
-15.2640, -20.7360

■ 176.8320, -8.7550,
-12.0430

■ 184.2230, -2.2460,
-3.3500

■ 191.6140, 4.2630,
5.3430

■ 198.8200, 9.8550,
14.1350

Harmonies

Analogous

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



146.6780, 39.4870, -60.3610



132.9700, -46.2960, -64.0880



129.5930, -98.9780, -56.4660

Triad

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



132.9700, -46.2960, -64.0880



132.3820, -130.2550, -12.7430



147.5820, 87.5190, 38.3590

Complementary

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



132.9700, -46.2960, -64.0880



103.0300, 46.2960, 64.0880

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.



152.8720, 67.1120, 61.2880



132.9700, -46.2960, -64.0880



156.5550, -48.8340, 25.9980

Square

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



132.9700, -46.2960, -64.0880



140.0130, -133.8300, -19.5420



166.9440, 23.0510, 61.3470



156.4770, 99.6750, 5.2670

Rectangle

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



132.9700, -46.2960, -64.0880



135.5380, -114.3400, -42.3720



166.9440, 23.0510, 61.3470



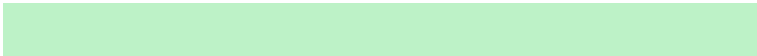
147.1550, 81.8320, 47.8160

Sweetspot

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



132.9700, -46.2960, -64.0880



221.2510, -17.7850, -24.6090



163.7930, 29.3980, -48.2180



109.8810, -10.4510, -14.3470



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



132.9700, -46.2960, -64.0880



157.7650, -71.9650, -100.0050



140.7220, -68.1240, -42.9400



90.5110, -3.1170, -4.0850



96.1660, -53.0800, -73.3040



18.8810, -10.4510, -14.3470

Inverse Universe

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



103.0300, 46.2960, 64.0880



111.2350, 71.9650, 100.0050



95.2780, 68.1240, 42.9400



88.6030, 2.7960, 4.3960



61.8340, 53.0800, 73.3040



12.1190, 10.4510, 14.3470

Previews

White Background



This preview shows how the YIQ color 132.9700, -46.2960, -64.0880 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 132.9700, -46.2960, -64.0880 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 132.9700, -46.2960, -64.0880 Background



This preview shows how black text looks on a background with the YIQ color 132.9700, -46.2960, -64.0880.



This preview shows how white text looks on a background with the YIQ color 132.9700, -46.2960, -64.0880.

-64.0880.

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

132.9700, -46.2960, -64.0880

Protanopia

156.5520, 41.2230, -25.7290

Deuteranopia

159.4750, 49.2900, -12.2300



Tritanopia

150.3980, -57.2630, -13.9910

Trichromacy



Original Color

132.9700, -46.2960, -64.0880



Protanomaly

147.8250, 9.1770, -39.6790



Deuteranomaly

149.7320, 14.1730, -31.0990



Tritanomaly

143.7720, -53.2250, -32.1130

Monochromacy



Original Color

132.9700, -46.2960, -64.0880



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.0770, -17.2350, -23.5630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.9700, -46.2960, -64.0880 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(49, 187, 75)` looks like.

```
.text, #text, p{  
    color:rgb(49, 187, 75)  
}
```

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(49, 187, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 187, 75) }
```

Border

The CSS property to change the border of an element to YIQ 132.9700, -46.2960, -64.0880 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(49, 187, 75) }
```


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

```
.border{ border-color:rgb(49, 187, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 187, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 187, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 187, 75);  
box-shadow:4px 4px 4px 4px rgb(49, 187,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 132.9700, -46.2960, -64.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 187, 75) }
```

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

```
.background{ background-color: rgb(49, 187,  
75) }
```

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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