

Converting Colors

YIQ(148.1450, -46.3050,
-14.3450)

Have a look what the booklet for
YIQ(148.1450, -46.3050, -14.3450)
contains.

YIQ(148.1450, -46.3050, -14.3450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(148.1450, -46.3050,
-14.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	5FAAAF
RGB	95, 170, 175
RGB Percent	37%, 67%, 69%
CMY	0.6276, 0.3332, 0.3139
CMYK	0.46, 0.03, 0.00, 0.31
HSL	184°, 33%, 53%
HSV	184°, 46%, 69%
XYZ	26.8285, 34.2850, 45.7365
YIQ	148.1450, -46.3050, -14.3450

Conversions

Conversions Part 2

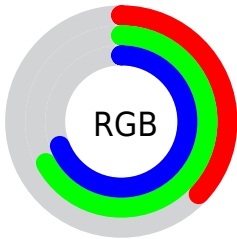
Format	Color
RYB	95, 134, 175
Decimal	6269615
CIELab	65.19, -21.96, -9.80
CIElCh	65, 24.052, 204.055
Yxy	34.2850, 0.2511, 0.3209
Android (android.graphics.Color)	4284459695 (0xFF5FAAAF)
YUV	148.1450, 13.2395, -46.6082
Hunter-Lab	58.5534, -20.6820, -5.3244

Details

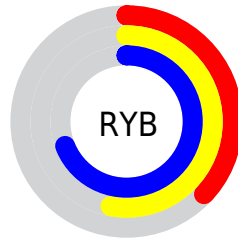
The YIQ color **148.1450, -46.3050, -14.3450** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **121.8550, 46.3050, 14.3450**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1450, -46.3050, -14.3450**, and **94.3510, -49.8810, -15.6170** is the 20% darker color. If you saturate the color by 10%, you get **142.1760, -56.7580, -17.6380**, and if you desaturate by 10%, it is **153.8150, -36.4480, -11.2640**.

Distribution



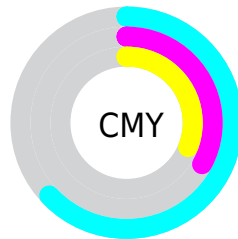
- Red (37%)
- Green (67%)
- Blue (69%)



- Red (37%)
- Yellow (53%)
- Blue (69%)



- Cyan (46%)
- Magenta (3%)
- Yellow (0%)
- Black (31%)



- Cyan (63%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.1450, -46.3050, -14.3450 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 148.1450, -46.3050, -14.3450 by changing the saturation by 10% instead.

■ 148.1450,
-46.3050, -14.3450

■ 148.1450,
-46.3050, -14.3450

■ 255.0000, -0.0000,
-0.0000

■ 120.8460,
-46.9010, -14.5570

■ 203.7320,
-46.5800, -14.8680

■ 94.3510, -49.8810,
-15.6170

■ 231.3900,
-45.6170, -15.8010

■ 65.7630, -57.0330,
-18.1610

■ 240.6480,
-28.6080, -10.1760

■ 48.9390, -42.7290,
-13.0730

■ 249.3190,
-11.3240, -4.0280

■ 32.8160, -29.0210,
-8.1970

■ 19.2690, -17.0550,
-4.7910

■ 0.4560, -1.2840,

1.2440

■ 0.0000, 0.0000,
0.0000

■ 148.1450,
-46.3050, -14.3450

■ 148.1450,
-46.3050, -14.3450

■ 142.1760,
-56.7580, -17.6380

■ 153.8150,
-36.4480, -11.2640

■ 136.5060,
-66.6150, -20.7190

■ 159.7840,
-25.9950, -7.9710

■ 130.5370,
-77.0680, -24.0120

■ 165.4540,
-16.1380, -4.8900

■ 124.8670,
-86.9250, -27.0930

■ 171.4230, -5.6850,
-1.5970

■ 118.8980,
-97.3780, -30.3860

■ 177.0930, 4.1720,
1.4840

■ 116.2180,
-101.2750, -31.3470

■ 183.0620, 14.6250,
4.7770

■ 189.3190, 24.2070,
7.3350

■ 195.2880, 34.6600,
10.6280

■ 200.9580, 44.5170,
13.7090

Harmonies

Analogous

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



149.5240, -31.4950, -18.4310



148.1450, -46.3050, -14.3450



150.1160, -47.3610, -6.2170

Triad

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



148.1450, -46.3050, -14.3450



161.6830, 8.9830, 18.9270



157.4310, 26.2270, -7.2530

Complementary

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



148.1450, -46.3050, -14.3450



121.8550, 46.3050, 14.3450

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.



159.3170, 35.7160, 2.5000



148.1450, -46.3050, -14.3450



161.7250, 26.3600, 17.8800

Square

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



148.1450, -46.3050, -14.3450



159.5000, -12.6110, 13.7970



160.5270, 35.4850, 12.1970



155.3040, 10.2270, -14.6450

Rectangle

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



148.1450, -46.3050, -14.3450



153.6380, -39.8430, 0.7090



160.5270, 35.4850, 12.1970



158.1650, 30.0320, -4.6240

Sweetspot

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



148.1450, -46.3050, -14.3450



216.2580, -18.5220, -5.7380



142.4160, -23.2840, -40.5960



108.4330, -11.6450, -3.7170



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



148.1450, -46.3050, -14.3450



184.9290, -72.3000, -22.3160



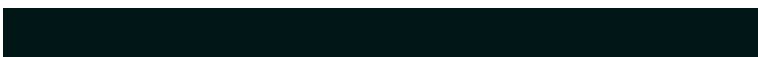
125.2520, -35.5800, 6.0520



83.7220, -5.0890, -1.3850



99.8670, -86.9250, -27.0930



15.5360, -13.4330, -4.3530

Inverse Universe

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



127.4700, 23.6050, 40.2850



152.7130, 36.9430, 62.8870



144.7480, 35.5800, -6.0520



81.6030, 2.7960, 4.3960



60.9240, 44.1390, 75.6510



9.3850, 6.6460, 11.7180

Previews

White Background



This preview shows how the YIQ color 148.1450, -46.3050, -14.3450 looks on a white background.

Color Contrast Check

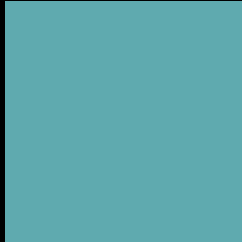
Large Text (above 18pt) WCAG AA × Fail

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 148.1450, -46.3050, -14.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

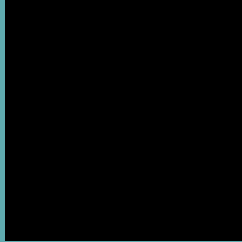
Any Text WCAG AA ✓ Pass

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 148.1450, -46.3050, -14.3450 Background



This preview shows how black text looks on a background with the YIQ color 148.1450, -46.3050, -14.3450.

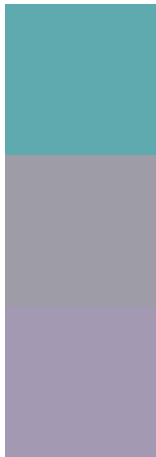


This preview shows how white text looks on a background with the YIQ color 148.1450, -46.3050, -14.3450.

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

148.1450, -46.3050, -14.3450

Protanopia

157.8520, -2.3390, 3.8450

Deuteranopia

158.9540, -2.3860, 10.2060



Tritanopia

148.9540, -47.0850, -11.2210

Trichromacy



Original Color

148.1450, -46.3050, -14.3450

Protanomaly

154.2520, -18.3850, -2.7130

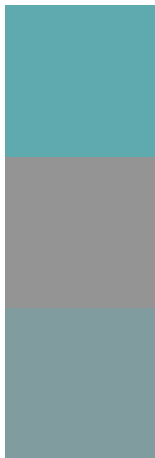
Deuteranomaly

154.8870, -18.6150, 1.4570

Tritanomaly

148.3130, -46.7180, -12.3660

Monochromacy



Original Color

148.1450, -46.3050, -14.3450

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.1550, -16.7340, -5.1020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.1450, -46.3050, -14.3450 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(95, 170, 175)` looks like.

```
.text, #text, p{  
    color:rgb(95, 170, 175)  
}
```

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(95, 170, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 170, 175) }
```

Border

The CSS property to change the border of an element to YIQ 148.1450, -46.3050, -14.3450 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(95, 170, 175) }
```


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

```
.border{ border-color:rgb(95, 170, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 170, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 170, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 170, 175);  
box-shadow:4px 4px 4px 4px rgb(95, 170,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 148.1450, -46.3050, -14.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 170, 175) }
```

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

```
.background{ background-color: rgb(95, 170,  
175) }
```

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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