

Converting Colors

YIQ(145.4390, -47.3130,
-18.1050)

Have a look what the booklet for
YIQ(145.4390, -47.3130, -18.1050)
contains.

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Color

**YIQ(145.4390, -47.3130,
-18.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	59AAA7
RGB	89, 170, 167
RGB Percent	35%, 67%, 65%
CMY	0.6512, 0.3332, 0.3453
CMYK	0.48, 0.00, 0.02, 0.33
HSL	178°, 32%, 51%
HSV	178°, 48%, 67%
XYZ	25.4668, 33.6719, 41.6934
YIQ	145.4390, -47.3130, -18.1050

Conversions

Conversions Part 2

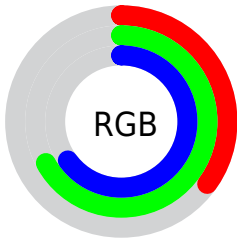
Format	Color
RYB	89, 130, 170
Decimal	5876391
CIELab	64.70, -25.51, -6.09
CIElCh	65, 26.227, 193.434
Yxy	33.6719, 0.2526, 0.3339
Android (android.graphics.Color)	4284066471 (0xFF59AAA7)
YUV	145.4390, 10.6296, -49.4970
Hunter-Lab	58.0275, -23.2088, -1.9813

Details

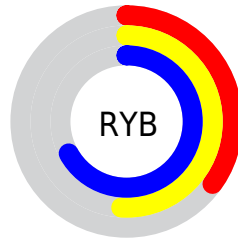
The YIQ color **145.4390, -47.3130, -18.1050** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **113.5610, 47.3130, 18.1050**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **201.0260, -47.5880, -18.6280**, and **90.4600, -51.8060, -19.2780** is the 20% darker color. If you saturate the color by 10%, you get **140.2420, -57.1240, -22.0200**, and if you desaturate by 10%, it is **150.6360, -37.5020, -14.1900**.

Distribution



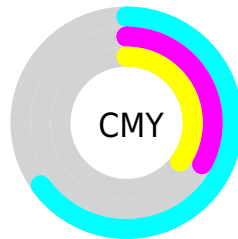
- Red (35%)
- Green (67%)
- Blue (65%)



- Red (35%)
- Yellow (51%)
- Blue (67%)



- Cyan (48%)
- Magenta (0%)
- Yellow (2%)
- Black (33%)



- Cyan (65%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.4390, -47.3130, -18.1050 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 145.4390, -47.3130, -18.1050 by changing the saturation by 10% instead.

■ 145.4390,
-47.3130, -18.1050

■ 145.4390,
-47.3130, -18.1050

■ 255.0000, -0.0000,
-0.0000

■ 118.2540,
-48.2300, -18.0060

■ 201.0260,
-47.5880, -18.6280

■ 90.4600, -51.8060,
-19.2780

■ 229.4390,
-47.3130, -18.1050

■ 64.9650, -54.7860,
-20.3380

■ 238.8540,
-32.1840, -11.4480

■ 48.1410, -40.4820,
-15.2500

■ 247.5250,
-14.9000, -5.3000

■ 32.1320, -27.0950,
-10.0630

■ 18.1120, -15.1750,
-5.8230

■ 0.0000, 0.0000,

0.0000

■ 145.4390,
-47.3130, -18.1050

■ 145.4390,
-47.3130, -18.1050

■ 140.2420,
-57.1240, -22.0200

■ 150.6360,
-37.5020, -14.1900

■ 135.1590,
-67.2560, -25.6240

■ 155.7190,
-27.3700, -10.5860

■ 129.9620,
-77.0670, -29.5390

■ 160.9160,
-17.5590, -6.6710

■ 124.7650,
-86.8780, -33.4540

■ 166.1130, -7.7480,
-2.7560

■ 119.6820,
-97.0100, -37.0580

■ 171.1960, 2.3840,
0.8480

■ 118.4860,
-99.3940, -37.9060

■ 176.3930, 12.1950,
4.7630

■ 181.4760, 22.3270,
8.3670

■ 186.6730, 32.1380,
12.2820

■ 191.8700, 41.9490,
16.1970

Harmonies

Analogous

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



148.3950, -26.8180, -20.5940



145.4390, -47.3130, -18.1050



146.0610, -54.6960, -10.9520

Triad

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



145.4390, -47.3130, -18.1050



160.0890, 1.9680, 19.4080



156.7200, 32.7830, -4.9210

Complementary

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



145.4390, -47.3130, -18.1050



113.5610, 47.3130, 18.1050

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.



158.6920, 39.1540, 6.2740



145.4390, -47.3130, -18.1050



160.5660, 22.5540, 20.7780

Square

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



145.4390, -47.3130, -18.1050



157.0580, -23.1100, 11.3380



159.9340, 35.8970, 15.7450



154.7240, 17.7920, -14.0800

Rectangle

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



145.4390, -47.3130, -18.1050



149.3270, -49.3330, -3.5170



159.9340, 35.8970, 15.7450



157.2090, 35.9000, -0.8360

Sweetspot

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



145.4390, -47.3130, -18.1050



212.6170, -18.1550, -6.8830



137.7430, -19.8910, -41.5150



106.2050, -11.0030, -4.3390



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



145.4390, -47.3130, -18.1050



183.4570, -74.0870, -28.4790



124.6490, -38.3760, 1.6560



81.6080, -4.7680, -1.6960



103.0640, -86.2820, -33.2420



14.0200, -11.9200, -4.2400

Inverse Universe

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



113.5610, 47.3130, 18.1050



133.5430, 74.0870, 28.4790



134.3510, 38.3760, -1.6560



78.3920, 4.7680, 1.6960



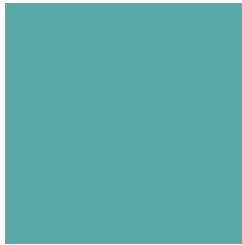
44.9360, 86.2820, 33.2420



6.0940, 11.5990, 4.5510

Previews

White Background



This preview shows how the YIQ color 145.4390, -47.3130, -18.1050 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 145.4390, -47.3130, -18.1050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

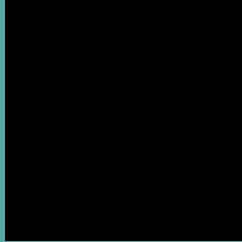
Any Text WCAG AA ✓ Pass

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 145.4390, -47.3130, -18.1050 Background



This preview shows how black text looks on a background with the YIQ color 145.4390, -47.3130, -18.1050.



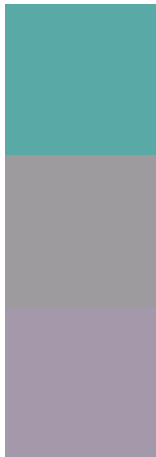
This preview shows how white text looks on a background with the YIQ color 145.4390, -47.3130, -18.1050.

-18.1050.

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

145.4390, -47.3130, -18.1050

Protanopia

156.2390, 0.8250, 1.5690

Deuteranopia

157.7540, 1.0530, 8.4530



Tritanopia

147.3560, -48.2770, -11.6450

Trichromacy



Original Color

145.4390, -47.3130, -18.1050

Protanomaly

152.0410, -16.4130, -5.4130

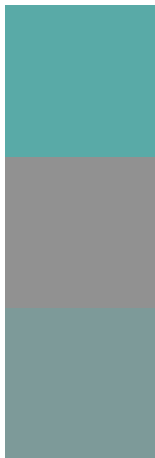
Deuteranomaly

153.6760, -16.6430, -1.2430

Tritanomaly

146.7750, -48.1390, -14.1470

Monochromacy



Original Color

145.4390, -47.3130, -18.1050

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.2150, -16.9630, -6.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.4390, -47.3130, -18.1050 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(89, 170, 167)` looks like.

```
.text, #text, p{  
    color:rgb(89, 170, 167)  
}
```

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(89, 170, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 170, 167) }
```

Border

The CSS property to change the border of an element to YIQ 145.4390, -47.3130, -18.1050 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(89, 170, 167) }
```


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

```
.border{ border-color:rgb(89, 170, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 170, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 170, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 170, 167);  
box-shadow:4px 4px 4px 4px rgb(89, 170,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 145.4390, -47.3130, -18.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 170, 167) }
```

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

```
.background{ background-color: rgb(89, 170,  
167) }
```

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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