

Converting Colors

YIQ(113.9940, -72.0660,
-48.5940)

Have a look what the booklet for
YIQ(113.9940, -72.0660, -48.5940)
contains.

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Color

**YIQ(113.9940, -72.0660,
-48.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	0FA56F
RGB	15, 165, 111
RGB Percent	6%, 65%, 44%
CMY	0.9415, 0.3527, 0.5649
CMYK	0.91, 0.00, 0.33, 0.35
HSL	158°, 83%, 35%
HSV	158°, 91%, 65%
XYZ	16.5277, 28.1800, 19.5891
YIQ	113.9940, -72.0660, -48.5940

Conversions

Conversions Part 2

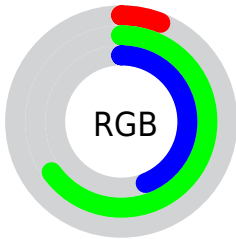
Format	Color
R_{YB}	15, 106, 165
Decimal	1025391
CIE _{Lab}	60.05, -48.73, 18.22
CIE _{LCh}	60, 52.021, 159.501
Yxy	28.1800, 0.2571, 0.4383
Android (android.graphics.Color)	4279215471 (0xFF0FA56F)
YUV	113.9940, -1.4760, -86.8177
Hunter-Lab	53.0849, -37.3235, 15.2805

Details

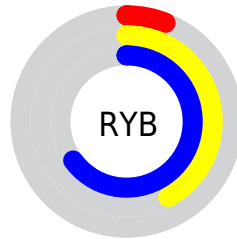
The YIQ color **113.9940, -72.0660, -48.5940** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **66.0060, 72.0660, 48.5940**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4150, -57.0740, -44.9620**, and **72.9260, -51.0230, -38.9830** is the 20% darker color. If you saturate the color by 10%, you get **108.9390, -79.4010, -53.3290**, and if you desaturate by 10%, it is **119.4620, -64.4560, -43.3360**.

Distribution



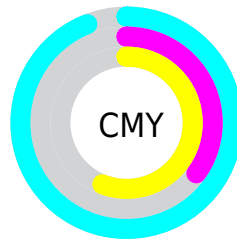
- Red (6%)
- Green (65%)
- Blue (44%)



- Red (6%)
- Yellow (42%)
- Blue (65%)



- Cyan (91%)
- Magenta (0%)
- Yellow (33%)
- Black (35%)




- Cyan (94%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.9940, -72.0660, -48.5940 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 113.9940, -72.0660, -48.5940 by changing the saturation by 10% instead.


 113.9940,
-72.0660, -48.5940

 113.9940,
-72.0660, -48.5940


 255.0000, -0.0000,
-0.0000


 90.8100, -65.5560,
-45.4280


 176.4150,
-57.0740, -44.9620


 72.9260, -51.0230,
-38.9830


 205.4860,
-55.8360, -45.3720


 55.0420, -36.4900,
-32.5380

 220.2840,
-48.9150, -33.1310

 38.5600, -23.1490,
-26.5170

 232.4460,
-40.0230, -18.0630

 23.4800, -11.0000,
-20.9200

 242.4420,
-25.0320, -8.9040

 0.0000, 0.0000,
0.0000

 251.4120, -7.1520,

-2.5440

■ 113.9940,
-72.0660, -48.5940

■ 113.9940,
-72.0660, -48.5940

■ 108.9390,
-79.4010, -53.3290

■ 119.4620,
-64.4560, -43.3360

■ 125.2290,
-56.2500, -37.8660

■ 130.6970,
-48.6400, -32.6080

■ 136.4640,
-40.4340, -27.1380

■ 141.9320,
-32.8240, -21.8800

■ 147.6990,
-24.6180, -16.4100

■ 153.1670,
-17.0080, -11.1520

■ 158.9340, -8.8020,
-5.6820

■ 164.2880, -0.8710,
-0.7350

Harmonies

Analogous

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



132.7190, -2.1480, -38.1800



113.9940, -72.0660, -48.5940



116.0410, -96.6430, -38.2030

Triad

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



113.9940, -72.0660, -48.5940



137.6190, -64.0540, 15.4820



143.4420, 72.3930, 15.1210

Complementary

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



113.9940, -72.0660, -48.5940



66.0060, 72.0660, 48.5940

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.



144.5670, 65.5120, 35.2080



113.9940, -72.0660, -48.5940



149.1060, -4.7290, 36.1590

Square

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



113.9940, -72.0660, -48.5940



118.9660, -117.2800, -11.1040



147.6630, 39.2390, 43.2950



141.9990, 62.4940, -9.2340

Rectangle

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



113.9940, -72.0660, -48.5940



119.5750, -106.5940, -28.5620



147.6630, 39.2390, 43.2950



143.4840, 72.5750, 22.8390

Sweetspot

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



113.9940, -72.0660, -48.5940



194.2640, -27.8270, -18.8270



119.4950, -8.4700, -66.7900



95.4660, -16.4120, -10.9400



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



113.9940, -72.0660, -48.5940



141.2360, -102.8270, -69.3150



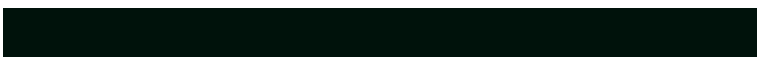
108.4100, -83.9000, -21.3400



78.9670, -4.4010, -2.8410



95.7170, -69.7280, -46.9120



11.8200, -8.4810, -5.9930

Inverse Universe

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



66.0060, 72.0660, 48.5940



72.7640, 102.8270, 69.3150



71.5900, 83.9000, 21.3400



76.0330, 4.4010, 2.8410



49.2830, 69.7280, 46.9120



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 113.9940, -72.0660, -48.5940 looks on a white 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

Black Background



This preview shows how the YIQ color 113.9940, -72.0660, -48.5940 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 × Fail

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

YIQ 113.9940, -72.0660, -48.5940 Background



This preview shows how black text looks on a background with the YIQ color 113.9940, -72.0660, -48.5940.



This preview shows how white text looks on a background with the YIQ color 113.9940, -72.0660,

-48.5940.

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

113.9940, -72.0660, -48.5940

Protanopia

142.5010, 20.0380, -10.7300

Deuteranopia

144.2770, 24.0250, -0.3830



Tritanopia

129.4680, -63.4520, -17.4680

Trichromacy



Original Color

113.9940, -72.0660, -48.5940



Protanomaly

132.2900, -13.5210, -24.7930



Deuteranomaly

133.4740, -10.8630, -17.8950



Tritanomaly

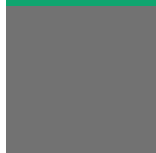
124.0510, -67.0720, -28.9600

Monochromacy



Original Color

113.9940, -72.0660, -48.5940



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.2750, -26.3600, -17.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.9940, -72.0660, -48.5940 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(15, 165, 111)` looks like.

```
.text, #text, p{  
    color:rgb(15, 165, 111)  
}
```

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(15, 165, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 165, 111) }
```

Border

The CSS property to change the border of an element to YIQ 113.9940, -72.0660, -48.5940 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(15, 165, 111) }
```


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

```
.border{ border-color:rgb(15, 165, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 165, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 165, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 165, 111);  
box-shadow:4px 4px 4px 4px rgb(15, 165,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 113.9940, -72.0660, -48.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 165, 111) }
```

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

```
.background{ background-color: rgb(15, 165,  
111) }
```

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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