

Converting Colors

YIQ(125.6350, -64.4060,
-66.2780)

Have a look what the booklet for
YIQ(125.6350, -64.4060, -66.2780)
contains.

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Color

**YIQ(125.6350, -64.4060,
-66.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	17BA54
RGB	23, 186, 84
RGB Percent	9%, 73%, 33%
CMY	0.9102, 0.2703, 0.6708
CMYK	0.88, 0.00, 0.55, 0.27
HSL	142°, 78%, 41%
HSV	142°, 88%, 73%
XYZ	19.5225, 35.9668, 14.2916
YIQ	125.6350, -64.4060, -66.2780

Conversions

Conversions Part 2

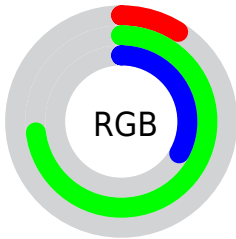
Format	Color
RYB	23, 142, 186
Decimal	1555028
CIELab	66.49, -60.57, 40.59
CIELCh	66, 72.914, 146.173
Yxy	35.9668, 0.2798, 0.5154
Android (android.graphics.Color)	4279745108 (0xFF17BA54)
YUV	125.6350, -20.5261, -90.0109
Hunter-Lab	59.9723, -46.8453, 27.8516

Details

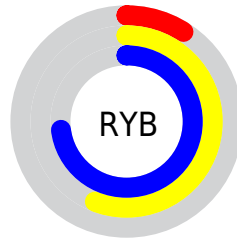
The YIQ color **125.6350, -64.4060, -66.2780** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **83.3650, 64.4060, 66.2780**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6430, -49.6890, -63.1690**, and **80.6590, -46.6180, -58.2500** is the 20% darker color. If you saturate the color by 10%, you get **118.5860, -71.8780, -74.0380**, and if you desaturate by 10%, it is **132.3850, -57.5300, -58.7300**.

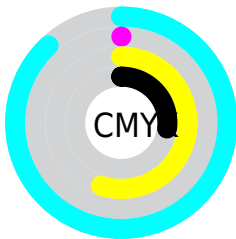
Distribution



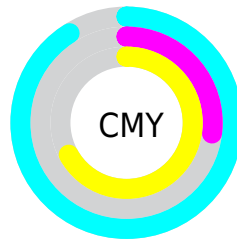
- Red (9%)
- Green (73%)
- Blue (33%)



- Red (9%)
- Yellow (56%)
- Blue (73%)



- Cyan (88%)
- Magenta (0%)
- Yellow (55%)
- Black (27%)





- Cyan (91%)
- Magenta (27%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.6350, -64.4060, -66.2780 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 125.6350, -64.4060, -66.2780 by changing the saturation by 10% instead.


 125.6350,
-64.4060, -66.2780


 125.6350,
-64.4060, -66.2780


 255.0000, -0.0000,
-0.0000


 99.4720, -62.3890,
-64.2850


 188.6430,
-49.6890, -63.1690


 80.6590, -46.6180,
-58.2500


 208.0340,
-43.1800, -54.4760

 61.9770, -29.8380,
-53.9820


 220.3810,
-33.3710, -39.5070

 46.3730, -21.7250,
-41.3170

 232.6570,
-24.8000, -24.1280

 32.2850, -15.1250,
-28.7650

 244.9330,
-16.2290, -8.7490

 18.1970, -8.5250,
-16.2130

 0.0000, 0.0000,

0.0000

■ 125.6350,
-64.4060, -66.2780

■ 125.6350,
-64.4060, -66.2780

■ 118.5860,
-71.8780, -74.0380

■ 132.3850,
-57.5300, -58.7300

■ 117.1620,
-73.6200, -75.5080

■ 139.3200,
-49.7370, -51.2810

■ 146.3690,
-42.2650, -43.5210

■ 153.1190,
-35.3890, -35.9730

■ 160.0540,
-27.5960, -28.5240

■ 167.1030,
-20.1240, -20.7640

■ 173.7390,
-12.9270, -13.5270

■ 180.7880, -5.4550,
-5.7670

■ 187.5380, 1.4210,
1.7810

Harmonies

Analogous

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



145.7400, 27.7490, -56.8830



125.6350, -64.4060, -66.2780



129.3310, -100.9960, -52.9320

Triad

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



125.6350, -64.4060, -66.2780



130.0340, -129.1550, -10.6510



148.4310, 89.2620, 34.3020

Complementary

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



125.6350, -64.4060, -66.2780



83.3650, 64.4060, 66.2780

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.



151.7320, 70.3220, 58.1780



125.6350, -64.4060, -66.2780



158.7030, -37.3270, 32.2170

Square

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



125.6350, -64.4060, -66.2780



138.2520, -133.0050, -17.9730



164.9510, 30.3410, 61.3890



155.5750, 96.2830, 0.6590

Rectangle

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



125.6350, -64.4060, -66.2780



135.0480, -115.7160, -39.4600



164.9510, 30.3410, 61.3890



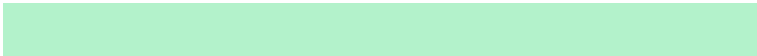
147.3030, 84.1710, 43.9710

Sweetspot

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



125.6350, -64.4060, -66.2780



218.7170, -25.0290, -25.4850



149.4780, 16.5630, -63.4130



108.0160, -15.2650, -15.2090



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.



125.6350, -64.4060, -66.2780



152.4280, -95.7610, -98.2650



134.7550, -90.0860, -41.3980



88.6250, -3.4380, -3.7740



98.1840, -61.5180, -63.5500



17.5760, -10.9100, -11.5340

Inverse Universe

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



83.3650, 64.4060, 66.2780



89.6860, 95.4400, 98.5760



74.2450, 90.0860, 41.3980



86.2610, 3.7590, 3.4630



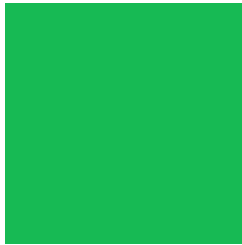
57.7020, 61.8390, 63.2390



10.4240, 10.9100, 11.5340

Previews

White Background



This preview shows how the YIQ color 125.6350, -64.4060, -66.2780 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 125.6350, -64.4060, -66.2780 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 125.6350, -64.4060, -66.2780 Background



This preview shows how black text looks on a background with the YIQ color 125.6350, -64.4060, -66.2780.



This preview shows how white text looks on a background with the YIQ color 125.6350, -64.4060, -66.2780.

-66.2780.

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

125.6350, -64.4060, -66.2780

Protanopia

156.3930, 37.4170, -22.8310

Deuteranopia

158.7180, 44.2920, -9.7560



Tritanopia

146.6960, -64.0940, -16.8460

Trichromacy



Original Color

125.6350, -64.4060, -66.2780



Protanomaly

145.2740, 0.6030, -38.4770



Deuteranomaly

146.5830, 4.4070, -30.3210



Tritanomaly

139.0310, -64.3200, -34.7840

Monochromacy



Original Color

125.6350, -64.4060, -66.2780



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

126.1410, -23.2870, -24.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.6350, -64.4060, -66.2780 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(23, 186, 84)` looks like.

```
.text, #text, p{  
    color:rgb(23, 186, 84)  
}
```

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(23, 186, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 186, 84) }
```

Border

The CSS property to change the border of an element to YIQ 125.6350, -64.4060, -66.2780 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(23, 186, 84) }
```


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

```
.border{ border-color:rgb(23, 186, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 186, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 186, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 186, 84);  
box-shadow:4px 4px 4px 4px rgb(23, 186,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 125.6350, -64.4060, -66.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 186, 84) }
```

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

```
.background{ background-color: rgb(23, 186,  
84) }
```

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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