

Converting Colors

YIQ(133.5250, -24.0680,
-15.3640)

Have a look what the booklet for
YIQ(133.5250, -24.0680, -15.3640)
contains.

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Color

**YIQ(133.5250, -24.0680,
-15.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	659686
RGB	101, 150, 134
RGB Percent	40%, 59%, 53%
CMY	0.6040, 0.4117, 0.4746
CMYK	0.33, 0.00, 0.11, 0.41
HSL	160°, 20%, 49%
HSV	160°, 33%, 59%
XYZ	20.5744, 26.3047, 26.5394
YIQ	133.5250, -24.0680, -15.3640

Conversions

Conversions Part 2

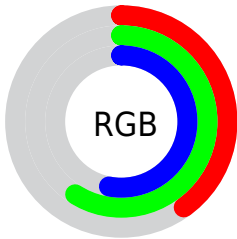
Format	Color
RYB	101, 130, 150
Decimal	6657670
CIELab	58.33, -20.15, 3.21
CIElCh	58, 20.406, 170.936
Yxy	26.3047, 0.2802, 0.3583
Android (android.graphics.Color)	4284847750 (0xFF659686)
YUV	133.5250, 0.2342, -28.5244
Hunter-Lab	51.2881, -18.1483, 5.2216

Details

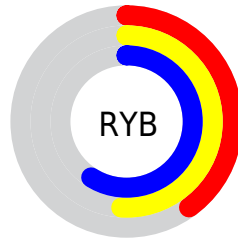
The YIQ color $133.5250, -24.0680, -15.3640$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $117.4750, 24.0680, 15.3640$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $186.8130, -24.9390, -16.0990$, and $82.9380, -23.7930, -14.8410$ is the 20% darker color. If you saturate the color by 10%, you get $128.4700, -31.4030, -20.0990$, and if you desaturate by 10%, it is $138.5800, -16.7330, -10.6290$.

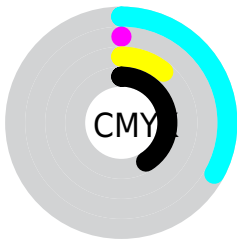
Distribution



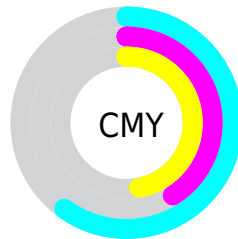
- Red (40%)
- Green (59%)
- Blue (53%)



- Red (40%)
- Yellow (51%)
- Blue (59%)



- Cyan (33%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.5250, -24.0680, -15.3640 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 133.5250, -24.0680, -15.3640 by changing the saturation by 10% instead.

■ 133.5250,
-24.0680, -15.3640

■ 133.5250,
-24.0680, -15.3640

■ 255.0000, -0.0000,
-0.0000

■ 107.9380,
-23.7930, -14.8410

■ 186.8130,
-24.9390, -16.0990

■ 82.9380, -23.7930,
-14.8410

■ 215.4000,
-25.2140, -16.6220

■ 58.7530, -24.7100,
-14.7420

■ 239.8780,
-23.5640, -13.4840

■ 35.0840, -27.1400,
-14.7560

■ 249.6180,
-10.7280, -3.8160

■ 20.3630, -14.6240,
-10.3040

■ 0.0000, 0.0000,
0.0000

■ 133.5250,
-24.0680, -15.3640

■ 133.5250,
-24.0680, -15.3640

■ 128.4700,
-31.4030, -20.0990

■ 138.5800,
-16.7330, -10.6290

■ 123.4150,
-38.7380, -24.8340

■ 143.6350, -9.3980,
-5.8940

■ 118.3600,
-46.0730, -29.5690

■ 148.6900, -2.0630,
-1.1590

■ 113.3050,
-53.4080, -34.3040

■ 153.7450, 5.2720,
3.5760

■ 108.2500,
-60.7430, -39.0390

■ 158.8000, 12.6070,
8.3110

■ 103.3090,
-68.3990, -43.4630

■ 163.7410, 20.2630,
12.7350

■ 99.5640, -73.6710,
-47.0390

■ 168.7960, 27.5980,
17.4700

■ 173.8510, 34.9330,

22.2050

■ 178.9060, 42.2680,
26.9400

Harmonies

Analogous

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



136.0940, -6.7370, -15.5770



133.5250, -24.0680, -15.3640



132.2880, -36.4020, -12.0980

Triad

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



133.5250, -24.0680, -15.3640



141.3920, -12.4270, 10.4610



141.2070, 30.2140, 3.0940

Complementary

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



133.5250, -24.0680, -15.3640



117.4750, 24.0680, 15.3640

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.



142.6510, 29.2040, 10.3880



133.5250, -24.0680, -15.3640



143.3080, 5.5450, 15.1530

Square

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



133.5250, -24.0680, -15.3640



137.6670, -29.6190, 2.6450



143.2080, 20.4460, 14.9260



139.9300, 23.3840, -5.2880

Rectangle

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



133.5250, -24.0680, -15.3640



132.9550, -39.6580, -8.1540



143.2080, 20.4460, 14.9260



141.7880, 30.0760, 5.5960

Sweetspot

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



133.5250, -24.0680, -15.3640



187.2220, -9.6730, -6.4170



134.5470, -3.9390, -22.2350



92.9560, -5.8680, -3.7880



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



133.5250, -24.0680, -15.3640



168.4260, -37.2710, -23.8870



130.6530, -27.0040, -6.2040



71.6790, -3.5300, -2.1060



91.6080, -67.8030, -43.2510



6.6680, -4.9970, -3.0530

Inverse Universe

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



117.4750, 24.0680, 15.3640



143.5740, 37.2710, 23.8870



120.3470, 27.0040, 6.2040



69.3210, 3.5300, 2.1060



46.3920, 67.8030, 43.2510



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 133.5250, -24.0680, -15.3640 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 133.5250, -24.0680, -15.3640 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 133.5250, -24.0680, -15.3640 Background



This preview shows how black text looks on a background with the YIQ color 133.5250, -24.0680, -15.3640.



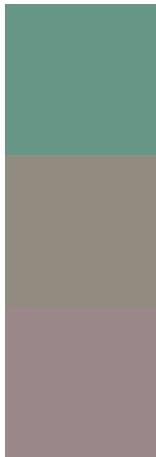
This preview shows how white text looks on a background with the YIQ color 133.5250, -24.0680, -15.3640.

-15.3640.

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

133.5250, -24.0680, -15.3640

Protanopia

139.5400, 7.1070, -2.1490

Deuteranopia

140.9090, 10.6820, 4.6500



Tritanopia

135.9950, -27.9670, -5.2710

Trichromacy



Original Color

133.5250, -24.0680, -15.3640

Protanomaly

137.3320, -4.1710, -7.0110

Deuteranomaly

138.0490, -1.6960, -2.3040

Tritanomaly

134.9580, -26.5450, -9.0170

Monochromacy



Original Color

133.5250, -24.0680, -15.3640

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.9340, -8.8020, -5.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.5250, -24.0680, -15.3640 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(101, 150, 134)` looks like.

```
.text, #text, p{  
    color:rgb(101, 150, 134)  
}
```

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(101, 150, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 150, 134) }
```

Border

The CSS property to change the border of an element to YIQ 133.5250, -24.0680, -15.3640 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(101, 150, 134) }
```


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

```
.border{ border-color:rgb(101, 150, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 150, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 150, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 150, 134);  
box-shadow:4px 4px 4px 4px rgb(101, 150,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 133.5250, -24.0680, -15.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 150, 134) }
```

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

```
.background{ background-color: rgb(101,  
150, 134) }
```

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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