

Converting Colors

YIQ(133.3630, -32.9600,
-30.4320)

Have a look what the booklet for
YIQ(133.3630, -32.9600, -30.4320)
contains.

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Color

**YIQ(133.3630, -32.9600,
-30.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	53A276
RGB	83, 162, 118
RGB Percent	33%, 64%, 46%
CMY	0.6747, 0.3646, 0.5373
CMYK	0.49, 0.00, 0.27, 0.36
HSL	147°, 32%, 48%
HSV	147°, 49%, 64%
XYZ	19.7571, 28.9962, 21.6874
YIQ	133.3630, -32.9600, -30.4320

Conversions

Conversions Part 2

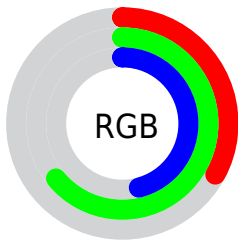
Format	Color
R_YB	83, 138, 162
Decimal	5481078
CIE _{Lab}	60.78, -34.75, 15.58
CIE _{LCh}	61, 38.085, 155.860
Yxy	28.9962, 0.2805, 0.4116
Android (android.graphics.Color)	4283671158 (0xFF53A276)
YUV	133.3630, -7.5740, -44.1684
Hunter-Lab	53.8482, -28.7418, 13.8146

Details

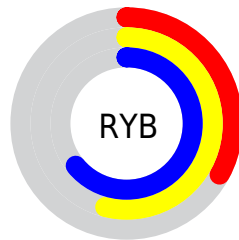
The YIQ color **133.3630, -32.9600, -30.4320** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **111.6370, 32.9600, 30.4320**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7220, -32.5930, -31.5770**, and **80.2100, -36.9030, -30.5590** is the 20% darker color. If you saturate the color by 10%, you get **127.5530, -39.6070, -36.6230**, and if you desaturate by 10%, it is **139.1730, -26.3130, -24.2410**.

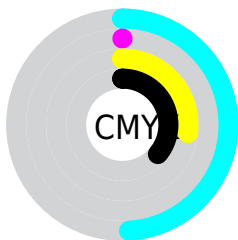
Distribution



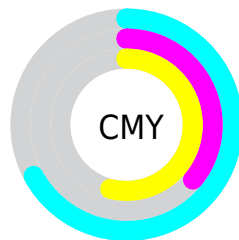
- Red (33%)
- Green (64%)
- Blue (46%)



- Red (33%)
- Yellow (54%)
- Blue (64%)



- Cyan (49%)
- Magenta (0%)
- Yellow (27%)
- Black (36%)



- Cyan (67%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.3630, -32.9600, -30.4320 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 133.3630, -32.9600, -30.4320 by changing the saturation by 10% instead.

■ 133.3630,
-32.9600, -30.4320

■ 133.3630,
-32.9600, -30.4320

■ 255.0000, -0.0000,
-0.0000

■ 106.5910,
-33.6020, -29.8100

■ 187.7220,
-32.5930, -31.5770

■ 79.9110, -37.4990,
-30.7710

■ 216.3090,
-32.8680, -32.1000

■ 55.2530, -38.4620,
-29.8380

■ 233.1560,
-27.6430, -22.1630

■ 38.7710, -25.1210,
-23.8170

■ 245.0190,
-19.3470, -7.3070

■ 22.8930, -10.7250,
-20.3970

■ 253.8040, -2.3840,
-0.8480

■ 2.9350, -1.3750,
-2.6150

■ 0.0000, 0.0000,

0.0000

■ 133.3630,
-32.9600, -30.4320

■ 133.3630,
-32.9600, -30.4320

■ 127.5530,
-39.6070, -36.6230

■ 139.1730,
-26.3130, -24.2410

■ 121.7430,
-46.2540, -42.8140

■ 144.9830,
-19.6660, -18.0500

■ 115.6340,
-53.4970, -49.2170

■ 151.0920,
-12.4230, -11.6470

■ 109.8240,
-60.1440, -55.4080

■ 156.9020, -5.7760,
-5.4560

■ 104.0140,
-66.7910, -61.5990

■ 162.7120, 0.8710,
0.7350

■ 103.3020,
-67.6620, -62.3340

■ 168.5220, 7.5180,
6.9260

■ 174.3320, 14.1650,
13.1170

■ 180.4410, 21.4080,
19.5200

■ 186.2510, 28.0550,
25.7110

Harmonies

Analogous

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



139.6200, 2.9850, -26.5750



133.3630, -32.9600, -30.4320



116.2870, -88.5280, -36.5920

Triad

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



133.3630, -32.9600, -30.4320



142.8520, -45.8970, 11.3110



147.4060, 54.8790, 13.1430

Complementary

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



133.3630, -32.9600, -30.4320



111.6370, 32.9600, 30.4320

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.



149.3040, 46.8990, 25.6110



133.3630, -32.9600, -30.4320



149.7000, -6.8820, 25.6140

Square

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



133.3630, -32.9600, -30.4320



123.5310, -94.1260, -12.2220



150.7440, 25.3490, 30.7010



145.8590, 48.5090, -3.5790

Rectangle

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



133.3630, -32.9600, -30.4320



116.2180, -101.2750, -31.3470



150.7440, 25.3490, 30.7010



148.2690, 54.0070, 17.9350

Sweetspot

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



133.3630, -32.9600, -30.4320



200.3800, -13.2940, -12.3820



142.8280, 5.0950, -31.7770



100.0650, -7.7930, -7.4490



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.



133.3630, -32.9600, -30.4320



166.6450, -52.0300, -48.2700



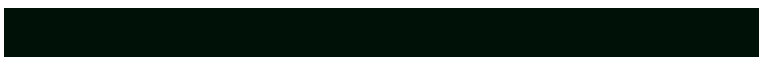
137.8090, -45.4790, -18.3030



78.7390, -3.7590, -3.4630



92.4110, -60.4190, -55.9310



11.4780, -7.5180, -6.9260

Inverse Universe

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



111.6370, 32.9600, 30.4320



132.2410, 52.3510, 47.9590



107.1910, 45.4790, 18.3030



76.2610, 3.7590, 3.4630



52.5890, 60.4190, 55.9310



6.5220, 7.5180, 6.9260

Previews

White Background



This preview shows how the YIQ color 133.3630, -32.9600, -30.4320 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 133.3630, -32.9600, -30.4320 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 133.3630, -32.9600, -30.4320 Background



This preview shows how black text looks on a background with the YIQ color 133.3630, -32.9600, -30.4320.



This preview shows how white text looks on a background with the YIQ color 133.3630, -32.9600, -30.4320.

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

133.3630, -32.9600, -30.4320

Protanopia

144.8860, 17.5160, -9.0760

Deuteranopia

146.4340, 22.1450, 0.6490



Tritanopia

139.4280, -39.6120, -8.9880

Trichromacy



Original Color

133.3630, -32.9600, -30.4320

Protanomaly

140.6770, -1.1890, -17.0050

Deuteranomaly

141.6330, 2.1110, -10.7290

Tritanomaly

137.0550, -37.3640, -16.6920

Monochromacy



Original Color

133.3630, -32.9600, -30.4320

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.5050, -12.1480, -11.1240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.3630, -32.9600, -30.4320 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(83, 162, 118)` looks like.

```
.text, #text, p{  
    color:rgb(83, 162, 118)  
}
```

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(83, 162, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 162, 118) }
```

Border

The CSS property to change the border of an element to YIQ 133.3630, -32.9600, -30.4320 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(83, 162, 118) }
```


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

```
.border{ border-color:rgb(83, 162, 118) }
```

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

Here you see how a box with a 4 pixel rgb(83, 162, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 162, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 162, 118);  
box-shadow:4px 4px 4px 4px rgb(83, 162,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 133.3630, -32.9600, -30.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 162, 118) }
```

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

```
.background{ background-color: rgb(83, 162,  
118) }
```

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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