

Converting Colors

YIQ(129.5430, -60.0100,
-35.8020)

Have a look what the booklet for
YIQ(129.5430, -60.0100, -35.8020)
contains.

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Color

**YIQ(129.5430, -60.0100,
-35.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	32A987
RGB	50, 169, 135
RGB Percent	20%, 66%, 53%
CMY	0.8042, 0.3370, 0.4708
CMYK	0.70, 0.00, 0.20, 0.34
HSL	163°, 54%, 43%
HSV	163°, 70%, 66%
XYZ	19.8782, 30.8184, 27.8026
YIQ	129.5430, -60.0100, -35.8020

Conversions

Conversions Part 2

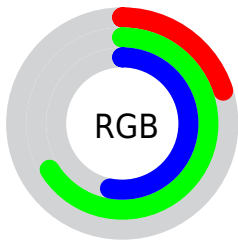
Format	Color
RYB	50, 119, 169
Decimal	3320199
CIELab	62.35, -40.94, 8.21
CIELCh	62, 41.758, 168.662
Yxy	30.8184, 0.2532, 0.3926
Android (android.graphics.Color)	4281510279 (0xFF32A987)
YUV	129.5430, 2.6903, -69.7592
Hunter-Lab	55.5143, -33.2340, 9.1665

Details

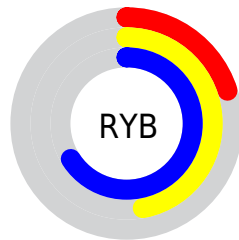
The YIQ color **129.5430, -60.0100, -35.8020** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **89.4570, 60.0100, 35.8020**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.9950, -55.4710, -35.4630**, and **77.7820, -59.1850, -34.2330** is the 20% darker color. If you saturate the color by 10%, you get **123.8900, -68.5370, -40.9610**, and if you desaturate by 10%, it is **135.1960, -51.4830, -30.6430**.

Distribution



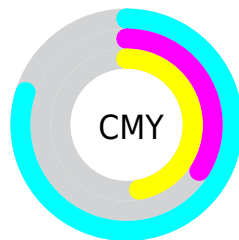
- Red (20%)
- Green (66%)
- Blue (53%)



- Red (20%)
- Yellow (47%)
- Blue (66%)



- Cyan (70%)
- Magenta (0%)
- Yellow (20%)
- Black (34%)





- Cyan (80%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.5430, -60.0100, -35.8020 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 129.5430, -60.0100, -35.8020 by changing the saturation by 10% instead.


 129.5430,
-60.0100, -35.8020


 129.5430,
-60.0100, -35.8020


 255.0000, -0.0000,
-0.0000


 95.8940, -74.3600,
-40.0560


 186.9950,
-55.4710, -35.4630


 77.7820, -59.1850,
-34.2330


 215.8810,
-55.1500, -35.7740


 60.4850, -44.9270,
-28.3110


 228.3310,
-47.1290, -21.4410

 43.3020, -30.9900,
-22.0780

 238.2560,
-33.3760, -11.8720

 28.1080, -18.5200,
-16.7920

 247.2260,
-15.4960, -5.5120

 8.8050, -4.1250,
-7.8450

 0.0000, 0.0000,

0.0000

■ 129.5430,
-60.0100, -35.8020

■ 129.5430,
-60.0100, -35.8020

■ 123.8900,
-68.5370, -40.9610

■ 135.1960,
-51.4830, -30.6430

■ 118.2370,
-77.0640, -46.1200

■ 140.8490,
-42.9560, -25.4840

■ 112.9970,
-85.3160, -50.7560

■ 146.3880,
-34.1080, -20.6360

■ 152.0410,
-25.5810, -15.4770

■ 157.3950,
-17.6500, -10.5300

■ 163.0480, -9.1230,
-5.3710

■ 168.7010, -0.5960,
-0.2120

■ 174.3540, 7.9310,
4.9470

■ 180.0070, 16.4580,
10.1060

Harmonies

Analogous

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



139.9600, -12.8320, -31.7760



129.5430, -60.0100, -35.8020



119.5120, -102.2830, -35.1070

Triad

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



129.5430, -60.0100, -35.8020



150.3640, -32.4190, 20.3570



151.0440, 58.5940, 6.3860

Complementary

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



129.5430, -60.0100, -35.8020



89.4570, 60.0100, 35.8020

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.



152.1110, 57.6280, 23.9000



129.5430, -60.0100, -35.8020



155.0010, 8.5680, 31.9600

Square

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



129.5430, -60.0100, -35.8020



135.2000, -82.5280, -2.1440



154.2250, 40.1120, 32.9760



148.9200, 46.5390, -11.9330

Rectangle

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



129.5430, -60.0100, -35.8020



120.9600, -109.1160, -26.9080



154.2250, 40.1120, 32.9760



151.2170, 59.7850, 12.3370

Sweetspot

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



129.5430, -60.0100, -35.8020



203.7640, -23.2430, -13.7950



130.6170, -11.2690, -54.6050



100.7160, -14.1200, -8.4240



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



129.5430, -60.0100, -35.8020



157.3440, -93.8430, -55.9150



119.3310, -64.3240, -12.6760



81.3800, -4.1260, -2.3180



98.9600, -74.7260, -44.4380



13.4500, -10.3150, -5.7950

Inverse Universe

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



89.4570, 60.0100, 35.8020



94.6560, 93.8430, 55.9150



99.6690, 64.3240, 12.6760



78.6200, 4.1260, 2.3180



49.0400, 74.7260, 44.4380



6.6640, 9.9940, 6.1060

Previews

White Background



This preview shows how the YIQ color 129.5430, -60.0100, -35.8020 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 129.5430, -60.0100, -35.8020 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 129.5430, -60.0100, -35.8020 Background



This preview shows how black text looks on a background with the YIQ color 129.5430, -60.0100, -35.8020.



This preview shows how white text looks on a background with the YIQ color 129.5430, -60.0100, -35.8020.

-35.8020.

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

129.5430, -60.0100, -35.8020

Protanopia

148.9550, 13.0680, -5.5560

Deuteranopia

150.7200, 15.5880, 3.8440



Tritanopia

136.4900, -60.5180, -15.5740

Trichromacy



Original Color

129.5430, -60.0100, -35.8020

Protanomaly

141.8590, -13.3850, -16.2410

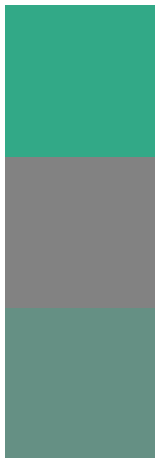
Deuteranomaly

142.9180, -11.8730, -10.6010

Tritanomaly

133.8610, -60.4250, -22.7690

Monochromacy



Original Color

129.5430, -60.0100, -35.8020

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.7750, -21.7760, -12.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.5430, -60.0100, -35.8020 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(50, 169, 135)` looks like.

```
.text, #text, p{  
    color:rgb(50, 169, 135)  
}
```

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(50, 169, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 169, 135) }
```

Border

The CSS property to change the border of an element to YIQ 129.5430, -60.0100, -35.8020 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(50, 169, 135) }
```


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

```
.border{ border-color:rgb(50, 169, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 169, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 169, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 169, 135);  
box-shadow:4px 4px 4px 4px rgb(50, 169,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 129.5430, -60.0100, -35.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 169, 135) }
```

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

```
.background{ background-color: rgb(50, 169,  
135) }
```

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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