

Converting Colors

YIQ(139.0460, -33.1450,
-21.5690)

Have a look what the booklet for
YIQ(139.0460, -33.1450, -21.5690)
contains.

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Color

**YIQ(139.0460, -33.1450,
-21.5690)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA28B
RGB	94, 162, 139
RGB Percent	37%, 64%, 55%
CMY	0.6315, 0.3646, 0.4550
CMYK	0.42, 0.00, 0.14, 0.36
HSL	160°, 27%, 50%
HSV	160°, 42%, 64%
XYZ	22.1949, 30.0913, 29.0534
YIQ	139.0460, -33.1450, -21.5690

Conversions

Conversions Part 2

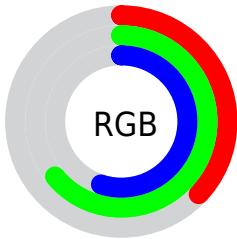
Format	Color
RYB	94, 135, 162
Decimal	6201995
CIELab	61.73, -27.16, 5.26
CIELCh	62, 27.662, 169.030
Yxy	30.0913, 0.2729, 0.3699
Android (android.graphics.Color)	4284392075 (0xFF5EA28B)
YUV	139.0460, -0.0227, -39.5053
Hunter-Lab	54.8555, -23.7747, 6.9968

Details

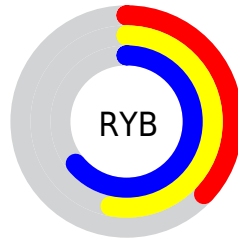
The YIQ color **139.0460, -33.1450, -21.5690** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **116.9540, 33.1450, 21.5690**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.5190, -33.0990, -22.4030**, and **86.9750, -34.3830, -21.1590** is the 20% darker color. If you saturate the color by 10%, you get **133.5780, -40.7550, -26.8270**, and if you desaturate by 10%, it is **144.4000, -25.2140, -16.6220**.

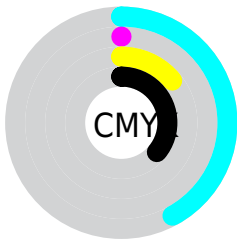
Distribution



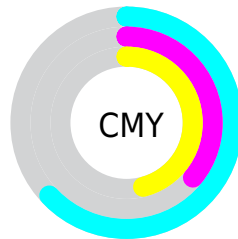
- Red (37%)
- Green (64%)
- Blue (55%)



- Red (37%)
- Yellow (53%)
- Blue (64%)



- Cyan (42%)
- Magenta (0%)
- Yellow (14%)
- Black (36%)



- Cyan (63%)
- Magenta (36%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.0460, -33.1450, -21.5690 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 139.0460, -33.1450, -21.5690 by changing the saturation by 10% instead.

■ 139.0460,
-33.1450, -21.5690

■ 139.0460,
-33.1450, -21.5690

■ 255.0000, -0.0000,
-0.0000

■ 113.1600,
-33.4660, -21.2580

■ 193.2200,
-33.6950, -22.6150

■ 86.9750, -34.3830,
-21.1590

■ 221.8070,
-33.9700, -23.1380

■ 59.5120, -40.3890,
-22.4450

■ 238.7680,
-29.0660, -12.8900

■ 41.4100, -31.1740,
-18.7420

■ 248.1230,
-13.7080, -4.8760

■ 25.5150, -18.1080,
-13.2440

■ 7.0440, -3.3000,
-6.2760

■ 0.0000, 0.0000,

0.0000

■ 139.0460,
-33.1450, -21.5690

■ 139.0460,
-33.1450, -21.5690

■ 133.5780,
-40.7550, -26.8270

■ 144.4000,
-25.2140, -16.6220

■ 128.2240,
-48.6860, -31.7740

■ 149.8680,
-17.6040, -11.3640

■ 122.5710,
-57.2130, -36.9330

■ 155.5210, -9.0770,
-6.2050

■ 117.1030,
-64.8230, -42.1910

■ 160.9890, -1.4670,
-0.9470

■ 111.7490,
-72.7540, -47.1380

■ 166.3430, 6.4640,
4.0000

■ 107.2920,
-78.8970, -51.4490

■ 171.8110, 14.0740,
9.2580

■ 177.1650, 22.0050,
14.2050

■ 182.9320, 30.2110,
19.6750

■ 188.2860, 38.1420,
24.6220

Harmonies

Analogous

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



143.0350, -8.2490, -21.2170



139.0460, -33.1450, -21.5690



135.9050, -54.5570, -18.9810

Triad

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



139.0460, -33.1450, -21.5690



149.7920, -19.3050, 13.9670



150.1220, 40.7590, 4.7190

Complementary

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



139.0460, -33.1450, -21.5690



116.9540, 33.1450, 21.5690

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.



151.3750, 38.9690, 15.1370



139.0460, -33.1450, -21.5690



152.1820, 6.1400, 20.8920

Square

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



139.0460, -33.1450, -21.5690



143.9520, -43.6030, 2.7730



153.0180, 27.0930, 21.1170



148.0680, 31.6830, -7.0130

Rectangle

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



139.0460, -33.1450, -21.5690



135.8430, -60.0140, -13.6940



153.0180, 27.0930, 21.1170



150.5290, 41.1710, 8.2670

Sweetspot

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



139.0460, -33.1450, -21.5690



202.4880, -13.4780, -9.0460



141.0920, -4.3960, -30.4760



101.2330, -8.2060, -5.4700



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.



139.0460, -33.1450, -21.5690



176.2020, -51.6200, -33.6680



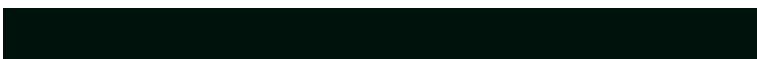
135.7980, -37.7780, -9.1860



78.9670, -4.4010, -2.8410



96.0590, -70.6910, -45.9790



11.9340, -8.8020, -5.6820

Inverse Universe

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



116.9540, 33.1450, 21.5690



141.7980, 51.6200, 33.6680



120.2020, 37.7780, 9.1860



76.0330, 4.4010, 2.8410



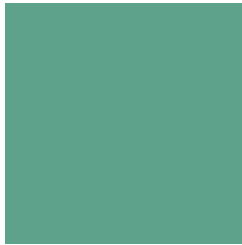
48.9410, 70.6910, 45.9790



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 139.0460, -33.1450, -21.5690 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 139.0460, -33.1450, -21.5690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

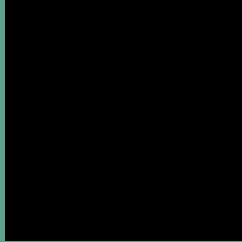
Any Text WCAG AA ✓ Pass

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 139.0460, -33.1450, -21.5690 Background



This preview shows how black text looks on a background with the YIQ color 139.0460, -33.1450, -21.5690.



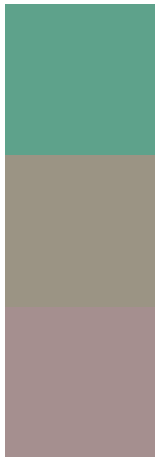
This preview shows how white text looks on a background with the YIQ color 139.0460, -33.1450, -21.5690.

-21.5690.

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

139.0460, -33.1450, -21.5690

Protanopia

148.2690, 9.3080, -3.4920

Deuteranopia

149.5780, 13.1120, 4.6640



Tritanopia

142.6240, -37.2280, -8.1400

Trichromacy



Original Color

139.0460, -33.1450, -21.5690

Protanomaly

144.9680, -6.1420, -9.8380

Deuteranomaly

145.7990, -3.9880, -4.8200

Tritanomaly

141.0600, -35.7600, -12.7200

Monochromacy



Original Color

139.0460, -33.1450, -21.5690

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.9120, -11.7360, -7.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.0460, -33.1450, -21.5690 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(94, 162, 139)` looks like.

```
.text, #text, p{  
    color:rgb(94, 162, 139)  
}
```

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(94, 162, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 162, 139) }
```

Border

The CSS property to change the border of an element to YIQ 139.0460, -33.1450, -21.5690 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(94, 162, 139) }
```


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

```
.border{ border-color:rgb(94, 162, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 162, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 162, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 162, 139); box-shadow:4px 4px 4px 4px rgb(94, 162, 139) }
```

Background

The CSS property to change the background color of an element to YIQ 139.0460, -33.1450, -21.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 162, 139) }
```

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

```
.background{ background-color: rgb(94, 162,  
139) }
```

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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