

Converting Colors

YIQ(160.3190, 21.9250,
-50.4510)

Have a look what the booklet for
YIQ(160.3190, 21.9250, -50.4510)
contains.

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Color

**YIQ(160.3190, 21.9250,
-50.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	96BB32
RGB	150, 187, 50
RGB Percent	59%, 73%, 20%
CMY	0.4119, 0.2666, 0.8037
CMYK	0.20, 0.00, 0.73, 0.27
HSL	76°, 58%, 46%
HSV	76°, 73%, 73%
XYZ	30.9199, 42.2576, 9.5501
YIQ	160.3190, 21.9250, -50.4510

Conversions

Conversions Part 2

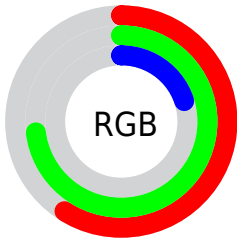
Format	Color
RYB	50, 187, 87
Decimal	9878322
CIELab	71.05, -31.33, 61.22
CIELCh	71, 68.773, 117.101
Yxy	42.2576, 0.3738, 0.5108
Android (android.graphics.Color)	4288068402 (0xFF96BB32)
YUV	160.3190, -54.3873, -9.0498
Hunter-Lab	65.0059, -28.8572, 36.7938

Details

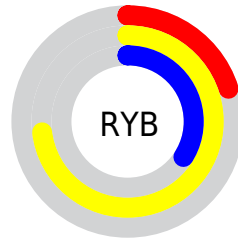
The YIQ color **160.3190, 21.9250, -50.4510** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **76.6810, -21.9250, 50.4510**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.6180, 22.5210, -50.2390**, and **107.0630, 19.7700, -49.9420** is the 20% darker color. If you saturate the color by 10%, you get **156.6580, 25.0440, -57.4200**, and if you desaturate by 10%, it is **163.9800, 18.8060, -43.4820**.

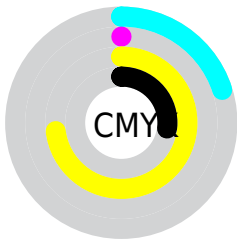
Distribution



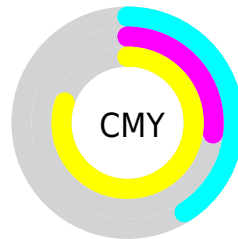
- Red (59%)
- Green (73%)
- Blue (20%)



- Red (20%)
- Yellow (73%)
- Blue (34%)



- Cyan (20%)
- Magenta (0%)
- Yellow (73%)
- Black (27%)



- Cyan (41%)
- Magenta (27%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.3190, 21.9250, -50.4510 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 160.3190, 21.9250, -50.4510 by changing the saturation by 10% instead.

■ 160.3190, 21.9250,
-50.4510

■ 160.3190, 21.9250,
-50.4510

■ 255.0000, -0.0000,
-0.0000

■ 132.1080, 23.8970,
-53.1510

■ 216.6180, 22.5210,
-50.2390

■ 107.0630, 19.7700,
-49.9420

■ 235.7100, 28.4340,
-41.7580

■ 83.7280, 10.8280,
-42.0680

■ 244.2840, 30.1740,
-29.2340

■ 61.2680, 0.7400,
-35.4520

■ 247.4760, 21.1860,
-20.5260

■ 37.3130, -12.3280,
-29.8960

■ 250.7820, 11.8770,
-11.5070

■ 22.8930, -10.7250,
-20.3970

■ 254.0880, 2.5680,

■ 4.1090, -1.9250,

-2.4880

-3.6610

■ 0.0000, 0.0000,
0.0000

■ 160.3190, 21.9250,
-50.4510

■ 160.3190, 21.9250,
-50.4510

■ 156.6580, 25.0440,
-57.4200

■ 163.9800, 18.8060,
-43.4820

■ 153.1110, 27.8420,
-64.0780

■ 167.5270, 16.0080,
-36.8240

■ 150.4330, 29.6310,
-68.9690

■ 171.1880, 12.8890,
-29.8550

■ 174.8490, 9.7700,
-22.8860

■ 178.5100, 6.6510,
-15.9170

■ 182.0570, 3.8530,
-9.2590

■ 185.7180, 0.7340,
-2.2900

■ 189.3790, -2.3850,
4.6790

■ 193.2250, -4.5870,
11.5490

Harmonies

Analogous

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



165.9400, 69.0090, -33.7030



160.3190, 21.9250, -50.4510



144.8970, -53.2200, -59.7480

Triad

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



160.3190, 21.9250, -50.4510



144.7090, -136.0300, -23.7260



164.0250, 61.8870, 51.3510

Complementary

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



160.3190, 21.9250, -50.4510



76.6810, -21.9250, 50.4510

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.



178.1420, 31.1210, 58.2650



160.3190, 21.9250, -50.4510



136.4910, -132.1800, -16.4040

Square

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



160.3190, 21.9250, -50.4510



145.2670, -129.3340, -34.9500



171.7270, -28.7070, 30.1810



161.0660, 79.8640, 28.4080

Rectangle

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



160.3190, 21.9250, -50.4510



134.9900, -101.7740, -60.8620



171.7270, -28.7070, 30.1810



168.7670, 54.0460, 55.7900

Sweetspot

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



160.3190, 21.9250, -50.4510



231.7720, 8.6690, -19.4510



112.6820, 71.4770, 9.6930



116.0740, 5.1830, -11.3370



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.



160.3190, 21.9250, -50.4510



200.6750, 34.4010, -78.3270



139.9870, -18.6030, -64.8670



92.3760, 1.6970, -3.2230



127.1310, 25.0900, -58.2540



24.7750, 4.5870, -11.5490

Inverse Universe

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



76.6810, -21.9250, 50.4510



70.6240, -33.8050, 78.5390



97.0130, 18.6030, 64.8670



86.6240, -1.6970, 3.2230



30.8690, -25.0900, 58.2540



5.9260, -5.1830, 11.3370

Previews

White Background



This preview shows how the YIQ color 160.3190, 21.9250, -50.4510 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 160.3190, 21.9250, -50.4510 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 160.3190, 21.9250, -50.4510

Background



This preview shows how black text looks on a background with the YIQ color 160.3190, 21.9250, -50.4510.



This preview shows how white text looks on a background with the YIQ color 160.3190, 21.9250,

-50.4510.

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

160.3190, 21.9250, -50.4510

Protanopia

165.8010, 53.2830, -35.0450

Deuteranopia

168.4640, 65.0180, -21.9420



Tritanopia

172.9050, -9.8580, 2.4460

Trichromacy



Original Color

160.3190, 21.9250, -50.4510

Protanomaly

164.0660, 42.0510, -40.7410

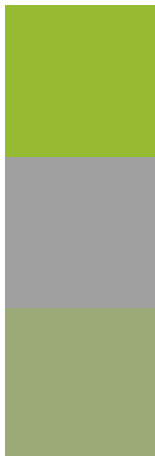
Deuteranomaly

165.6420, 49.4770, -32.1470

Tritanomaly

168.6450, 1.8370, -16.7790

Monochromacy



Original Color

160.3190, 21.9250, -50.4510

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.1140, 7.7060, -18.5180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.3190, 21.9250, -50.4510 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(150, 187, 50)` looks like.

```
.text, #text, p{  
    color:rgb(150, 187, 50)  
}
```

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(150, 187, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 187, 50) }
```

Border

The CSS property to change the border of an element to YIQ 160.3190, 21.9250, -50.4510 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(150, 187, 50) }
```


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

```
.border{ border-color:rgb(150, 187, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 187, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 187, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 187, 50);  
box-shadow:4px 4px 4px 4px rgb(150, 187,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 160.3190, 21.9250, -50.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 187, 50) }
```

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

```
.background{ background-color: rgb(150,  
187, 50) }
```

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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