

Converting Colors

YIQ(166.5010, 18.8970,
-39.6230)

Have a look what the booklet for
YIQ(166.5010, 18.8970, -39.6230)
contains.

YIQ(166.5010, 18.8970, -39.6230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(166.5010, 18.8970,
-39.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	A0BB4E
RGB	160, 187, 78
RGB Percent	63%, 73%, 31%
CMY	0.3727, 0.2666, 0.6939
CMYK	0.14, 0.00, 0.58, 0.27
HSL	75°, 44%, 52%
HSV	75°, 58%, 73%
XYZ	33.6397, 43.5661, 13.8515
YIQ	166.5010, 18.8970, -39.6230

Conversions

Conversions Part 2

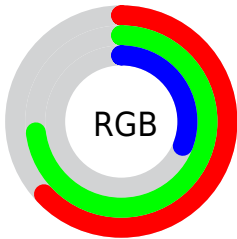
Format	Color
RYB	78, 187, 105
Decimal	10533710
CIELab	71.94, -25.36, 51.03
CIELCh	72, 56.985, 116.429
Yxy	43.5661, 0.3694, 0.4784
Android (android.graphics.Color)	4288723790 (0xFFA0BB4E)
YUV	166.5010, -43.6310, -5.7014
Hunter-Lab	66.0046, -24.5342, 33.7609

Details

The YIQ color **166.5010, 18.8970, -39.6230** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **98.4990, -18.8970, 39.6230**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.4580, 20.4560, -40.3440**, and **112.9740, 18.9430, -40.4570** is the 20% darker color. If you saturate the color by 10%, you get **162.8400, 22.0160, -46.5920**, and if you desaturate by 10%, it is **170.1620, 15.7780, -32.6540**.

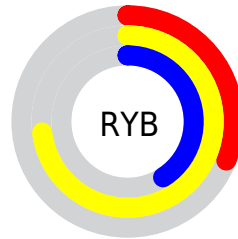
Distribution



Red (63%)

Green (73%)

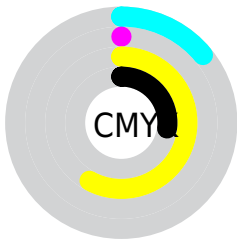
Blue (31%)



Red (31%)

Yellow (73%)

Blue (41%)

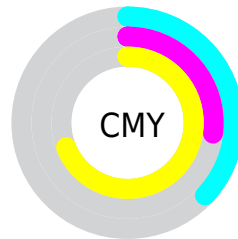


Cyan (14%)

Magenta (0%)

Yellow (58%)

Black (27%)



Cyan (37%)

Magenta (27%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.5010, 18.8970, -39.6230 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 166.5010, 18.8970, -39.6230 by changing the saturation by 10% instead.

■ 166.5010, 18.8970,
-39.6230

■ 166.5010, 18.8970,
-39.6230

■ 255.0000, -0.0000,
-0.0000

■ 139.6150, 18.5760,
-39.3120

■ 222.4580, 20.4560,
-40.3440

■ 112.9740, 18.9430,
-40.4570

■ 241.2510, 25.7730,
-32.0750

■ 87.0170, 17.3840,
-39.7360

■ 247.1340, 22.1490,
-21.4590

■ 65.4540, 9.0840,
-32.4840

■ 250.3260, 13.1610,
-12.7510

■ 43.8800, -0.6830,
-26.1790

■ 253.6320, 3.8520,
-3.7320

■ 22.8930, -10.7250,
-20.3970

■ 7.6310, -3.5750,

-6.7990

■ 0.0000, 0.0000,
0.0000

■ 166.5010, 18.8970,
-39.6230

■ 166.5010, 18.8970,
-39.6230

■ 162.8400, 22.0160,
-46.5920

■ 170.1620, 15.7780,
-32.6540

■ 159.5920, 25.4100,
-53.0380

■ 173.4100, 12.3840,
-26.2080

■ 155.9310, 28.5290,
-60.0070

■ 177.0710, 9.2650,
-19.2390

■ 152.2700, 31.6480,
-66.9760

■ 180.7320, 6.1460,
-12.2700

■ 151.9280, 32.6110,
-67.9090

■ 184.0940, 2.4310,
-5.5130

■ 187.6410, -0.3670,
1.1450

■ 191.0030, -4.0820,
7.9020

■ 194.6640, -7.2010,
14.8710

■ 198.2110, -9.9990,
21.5290

Harmonies

Analogous

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



171.2180, 56.9030, -23.5530



166.5010, 18.8970, -39.6230



156.9690, -35.3870, -47.0270

Triad

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



166.5010, 18.8970, -39.6230



144.1220, -135.7550, -23.2030



174.2320, 56.5700, 43.0820

Complementary

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



166.5010, 18.8970, -39.6230



98.4990, -18.8970, 39.6230

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.



181.2840, 24.4290, 47.3810



166.5010, 18.8970, -39.6230



148.4400, -109.8070, -8.8710

Square

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



166.5010, 18.8970, -39.6230



143.7680, -126.4910, -36.9150



176.4560, -26.5060, 28.8380



170.6520, 72.1620, 24.8180

Rectangle

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



166.5010, 18.8970, -39.6230



135.0870, -103.4250, -58.4730



176.4560, -26.5060, 28.8380



177.9310, 50.2880, 46.8000

Sweetspot

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



166.5010, 18.8970, -39.6230



234.3360, 7.2010, -14.8710



125.2660, 58.0890, 10.0330



117.4700, 4.1280, -8.7360



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.



166.5010, 18.8970, -39.6230



210.1760, 29.2170, -61.4630



150.6540, -12.6910, -50.8590



92.3760, 1.6970, -3.2230



128.3270, 27.4740, -57.4060



25.0740, 5.1830, -11.3370

Inverse Universe

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



98.4990, -18.8970, 39.6230



104.8240, -29.2170, 61.4630



114.3460, 12.6910, 50.8590



86.6240, -1.6970, 3.2230



29.6730, -27.4740, 57.4060



5.9260, -5.1830, 11.3370

Previews

White Background



This preview shows how the YIQ color 166.5010, 18.8970, -39.6230 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 166.5010, 18.8970, -39.6230 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 166.5010, 18.8970, -39.6230

Background



This preview shows how black text looks on a background with the YIQ color 166.5010, 18.8970, -39.6230.



This preview shows how white text looks on a background with the YIQ color 166.5010, 18.8970,

-39.6230.

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

166.5010, 18.8970, -39.6230

Protanopia

170.4660, 44.3410, -27.1710

Deuteranopia

172.4880, 56.4430, -15.2130



Tritanopia

176.5850, -5.9610, 3.4070

Trichromacy



Original Color

166.5010, 18.8970, -39.6230

Protanomaly

169.0410, 35.1720, -31.7080

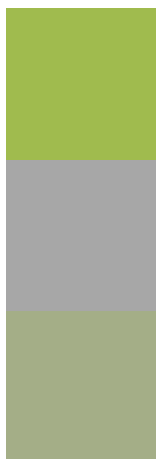
Deuteranomaly

170.0900, 42.6440, -23.9480

Tritanomaly

172.8780, 2.7990, -12.1850

Monochromacy



Original Color

166.5010, 18.8970, -39.6230

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.5640, 6.5590, -14.2490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.5010, 18.8970, -39.6230 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(160, 187, 78)` looks like.

```
.text, #text, p{  
    color:rgb(160, 187, 78)  
}
```

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(160, 187, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 187, 78) }
```

Border

The CSS property to change the border of an element to YIQ 166.5010, 18.8970, -39.6230 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(160, 187, 78) }
```


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

```
.border{ border-color:rgb(160, 187, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 187, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 187, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 187, 78);  
box-shadow:4px 4px 4px 4px rgb(160, 187,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 166.5010, 18.8970, -39.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 187, 78) }
```

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

```
.background{ background-color: rgb(160,  
187, 78) }
```

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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