

Converting Colors

YIQ(167.0230, -61.8420,
-46.6580)

Have a look what the booklet for
YIQ(167.0230, -61.8420, -46.6580)
contains.

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Color

**YIQ(167.0230, -61.8420,
-46.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	4FD69C
RGB	79, 214, 156
RGB Percent	31%, 84%, 61%
CMY	0.6905, 0.1605, 0.3884
CMYK	0.63, 0.00, 0.27, 0.16
HSL	154°, 62%, 57%
HSV	154°, 63%, 84%
XYZ	33.2742, 52.1787, 39.7476
YIQ	167.0230, -61.8420, -46.6580

Conversions

Conversions Part 2

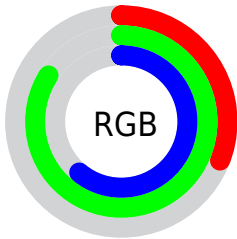
Format	Color
RYB	79, 165, 214
Decimal	5232284
CIELab	77.39, -50.14, 18.08
CIELCh	77, 53.299, 160.176
Yxy	52.1787, 0.2658, 0.4168
Android (android.graphics.Color)	4283422364 (0xFF4FD69C)
YUV	167.0230, -5.4343, -77.1962
Hunter-Lab	72.2348, -44.1869, 17.9398

Details

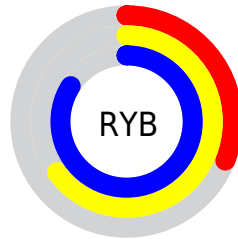
The YIQ color **167.0230, -61.8420, -46.6580** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **125.9770, 61.8420, 46.6580**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.8980, -53.8200, -37.8520**, and **104.7160, -77.1550, -49.9790** is the 20% darker color. If you saturate the color by 10%, you get **159.7180, -71.4690, -53.9090**, and if you desaturate by 10%, it is **174.3280, -52.2150, -39.4070**.

Distribution



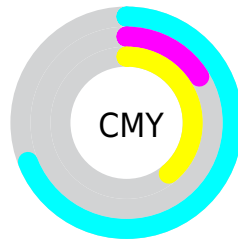
- Red (31%)
- Green (84%)
- Blue (61%)



- Red (31%)
- Yellow (65%)
- Blue (84%)



- Cyan (63%)
- Magenta (0%)
- Yellow (27%)
- Black (16%)



- Cyan (69%)
- Magenta (16%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.0230, -61.8420, -46.6580 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 167.0230, -61.8420, -46.6580 by changing the saturation by 10% instead.

■ 167.0230,
-61.8420, -46.6580

■ 167.0230,
-61.8420, -46.6580

■ 255.0000, -0.0000,
-0.0000

■ 136.5600,
-67.8480, -47.9440

■ 215.8980,
-53.8200, -37.8520

■ 104.7160,
-77.1550, -49.9790

■ 227.7610,
-45.5240, -22.9960

■ 86.0170, -61.7050,
-43.6330

■ 238.5550,
-32.7800, -11.6600

■ 68.1330, -47.1720,
-37.1880

■ 247.5250,
-14.9000, -5.3000

■ 50.9500, -33.2350,
-30.9550

■ 34.4680, -19.8940,
-24.9340

■ 19.3710, -9.0750,

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 167.0230,
-61.8420, -46.6580

■ 167.0230,
-61.8420, -46.6580

■ 159.7180,
-71.4690, -53.9090

■ 174.3280,
-52.2150, -39.4070

■ 152.1140,
-81.6920, -61.3720

■ 181.9320,
-41.9920, -31.9440

■ 144.6950,
-90.9980, -68.9340

■ 189.3510,
-32.6860, -24.3820

■ 139.5260,
-98.0120, -73.9800

■ 196.9550,
-22.4630, -16.9190

■ 204.2600,
-12.8360, -9.6680

■ 211.5650, -3.2090,
-2.4170

■ 219.1690, 7.0140,
5.0460

■ 226.5880, 16.3200,
12.6080

■ 229.1090, 16.4110,
16.4670

Harmonies

Analogous

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



179.5400, -3.2020, -41.1060



167.0230, -61.8420, -46.6580



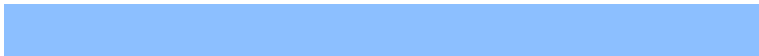
150.9770, -126.1220, -49.1140

Triad

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



167.0230, -61.8420, -46.6580



183.0470, -50.9400, 9.0920



184.3980, 66.5250, 11.3330

Complementary

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



167.0230, -61.8420, -46.6580



125.9770, 61.8420, 46.6580

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.



184.3590, 54.2340, 30.3460



167.0230, -61.8420, -46.6580



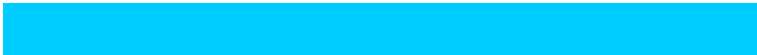
194.9170, 0.1770, 35.3530

Square

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



167.0230, -61.8420, -46.6580



149.4050, -138.2300, -27.9100



192.9940, 36.8090, 43.2810



189.2230, 67.6750, -9.5170

Rectangle

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



167.0230, -61.8420, -46.6580



153.4510, -135.8440, -38.1160



192.9940, 36.8090, 43.2810



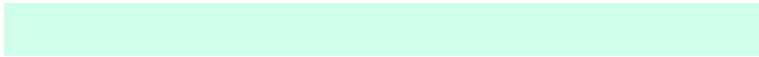
183.6460, 63.1310, 17.7790

Sweetspot

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



167.0230, -61.8420, -46.6580



238.2540, -21.8670, -16.7070



175.5870, -2.5570, -58.3090



117.5480, -13.7070, -10.4030



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



167.0230, -61.8420, -46.6580



187.5320, -88.9810, -66.9410



168.3520, -77.9850, -23.9130



103.1410, -4.9510, -3.8870



111.4350, -78.1620, -59.2660



28.0910, -19.8500, -14.7140

Inverse Universe

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



125.9770, 61.8420, 46.6580



128.5820, 88.6600, 67.2520



124.6480, 77.9850, 23.9130



99.8590, 4.9510, 3.8870



59.4510, 78.4830, 58.9550



15.0230, 19.5290, 15.0250

Previews

White Background



This preview shows how the YIQ color 167.0230, -61.8420, -46.6580 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 167.0230, -61.8420, -46.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

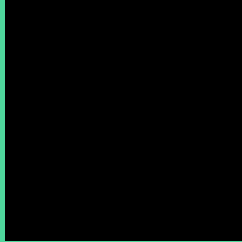
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

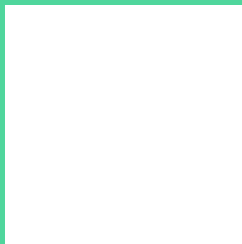
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 167.0230, -61.8420, -46.6580 Background



This preview shows how black text looks on a background with the YIQ color 167.0230, -61.8420, -46.6580.



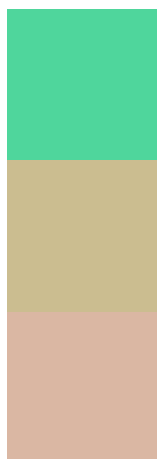
This preview shows how white text looks on a background with the YIQ color 167.0230, -61.8420, -46.6580.

-46.6580.

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

167.0230, -61.8420, -46.6580

Protanopia

188.0560, 22.7890, -11.0270

Deuteranopia

191.1850, 27.2800, 1.2000



Tritanopia

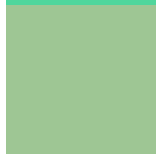
176.1410, -66.8450, -16.5490

Trichromacy



Original Color

167.0230, -61.8420, -46.6580



Protanomaly

180.3400, -7.7900, -24.0300



Deuteranomaly

182.0510, -5.1780, -16.2980



Tritanomaly

172.7740, -64.7340, -27.2780

Monochromacy



Original Color

167.0230, -61.8420, -46.6580



Achromatopsia

167.0000, -0.0000, -0.0000



Achromatomaly

166.9550, -22.4630, -16.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.0230, -61.8420, -46.6580 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(79, 214, 156)` looks like.

```
.text, #text, p{  
    color:rgb(79, 214, 156)  
}
```

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(79, 214, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 214, 156) }
```

Border

The CSS property to change the border of an element to YIQ 167.0230, -61.8420, -46.6580 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(79, 214, 156) }
```


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

```
.border{ border-color:rgb(79, 214, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 214, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(79, 214, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(79, 214, 156); box-shadow:4px 4px 4px 4px rgb(79, 214, 156) }
```

Background

The CSS property to change the background color of an element to YIQ 167.0230, -61.8420, -46.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 214, 156) }
```

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

```
.background{ background-color: rgb(79, 214,  
156) }
```

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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