

Converting Colors

YIQ(166.9060, -20.7670,
-14.6150)

Have a look what the booklet for
YIQ(166.9060, -20.7670, -14.6150)
contains.

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Color

**YIQ(166.9060, -20.7670,
-14.6150)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB6A5
RGB	138, 182, 165
RGB Percent	54%, 71%, 65%
CMY	0.4589, 0.2862, 0.3530
CMYK	0.24, 0.00, 0.09, 0.29
HSL	157°, 23%, 63%
HSV	157°, 24%, 71%
XYZ	33.9980, 41.5802, 41.8228
YIQ	166.9060, -20.7670, -14.6150

Conversions

Conversions Part 2

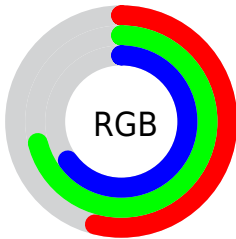
Format	Color
RYB	138, 165, 182
Decimal	9090725
CIELab	70.58, -18.26, 3.89
CIELCh	71, 18.673, 167.965
Yxy	41.5802, 0.2896, 0.3542
Android (android.graphics.Color)	4287280805 (0xFF8AB6A5)
YUV	166.9060, -0.9397, -25.3506
Hunter-Lab	64.4827, -18.7320, 6.6830

Details

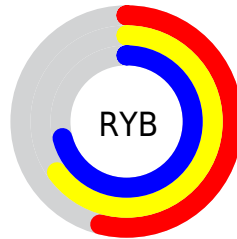
The YIQ color **166.9060, -20.7670, -14.6150** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **153.0940, 20.7670, 14.6150**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.1940, -21.6380, -15.3500**, and **114.6180, -19.8960, -13.8800** is the 20% darker color. If you saturate the color by 10%, you get **160.7260, -29.2480, -20.6080**, and if you desaturate by 10%, it is **173.0860, -12.2860, -8.6220**.

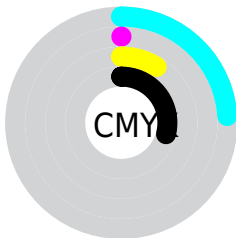
Distribution



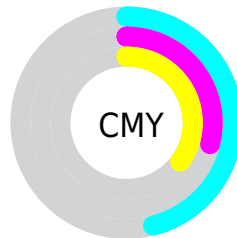
- Red (54%)
- Green (71%)
- Blue (65%)



- Red (54%)
- Yellow (65%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (46%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.9060, -20.7670, -14.6150 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 166.9060, -20.7670, -14.6150 by changing the saturation by 10% instead.

■ 166.9060,
-20.7670, -14.6150

■ 166.9060,
-20.7670, -14.6150

■ 255.0000, -0.0000,
-0.0000

■ 140.3190,
-20.4920, -14.0920

■ 222.1940,
-21.6380, -15.3500

■ 114.6180,
-19.8960, -13.8800

■ 243.7370,
-18.6130, -9.5970

■ 89.7320, -20.2170,
-13.5690

■ 253.2060, -3.5760,
-1.2720

■ 65.4440, -19.3460,
-12.8340

■ 41.9600, -20.8590,
-12.9470

■ 23.1670, -17.0080,
-11.1520

■ 2.3480, -1.1000,

-2.0920

■ 0.0000, 0.0000,
0.0000

■ 166.9060,
-20.7670, -14.6150

■ 166.9060,
-20.7670, -14.6150

■ 160.7260,
-29.2480, -20.6080

■ 173.0860,
-12.2860, -8.6220

■ 154.5460,
-37.7290, -26.6010

■ 179.2660, -3.8050,
-2.6290

■ 148.0670,
-46.8060, -32.8060

■ 185.7450, 5.2720,
3.5760

■ 141.8870,
-55.2870, -38.7990

■ 191.9250, 13.7530,
9.5690

■ 135.7070,
-63.7680, -44.7920

■ 198.1050, 22.2340,
15.5620

■ 129.5270,
-72.2490, -50.7850

■ 204.2850, 30.7150,
21.5550

■ 123.3470,
-80.7300, -56.7780

■ 207.4750, 33.2360,
25.4280

■ 119.6020,
-86.0020, -60.3540

■ 208.2730, 30.9890,
27.6050

■ 209.0710, 28.7420,
29.7820

Harmonies

Analogous

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



168.8170, -4.3990, -13.8950



166.9060, -20.7670, -14.6150



165.8540, -32.1840, -11.4480

Triad

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



166.9060, -20.7670, -14.6150



173.6800, -13.2980, 9.7260



174.1360, 28.9760, 3.5040

Complementary

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



166.9060, -20.7670, -14.6150



153.0940, 20.7670, 14.6150

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.



175.2810, 27.3700, 10.5860



166.9060, -20.7670, -14.6150



175.4110, 3.7570, 14.5170

Square

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



166.9060, -20.7670, -14.6150



170.0370, -27.7850, 2.4470



175.7240, 18.9330, 14.8130



172.5710, 23.0170, -4.1430

Rectangle

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



166.9060, -20.7670, -14.6150



166.2220, -36.0360, -7.7160



175.7240, 18.9330, 14.8130



174.9020, 29.7550, 5.9070

Sweetspot

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



166.9060, -20.7670, -14.6150



231.5320, -7.6100, -5.2580



169.2100, -1.3720, -19.1960



116.5540, -4.6760, -3.3640



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



166.9060, -20.7670, -14.6150



213.4050, -32.7780, -22.7140



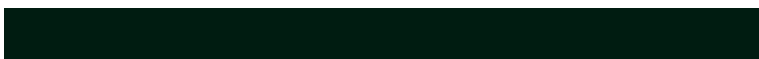
166.4960, -25.1240, -7.2360



88.8530, -4.0800, -3.1520



102.4020, -73.3950, -52.0430



18.3740, -13.1570, -9.3570

Inverse Universe

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



153.0940, 20.7670, 14.6150



191.7090, 32.4570, 23.0250



153.5040, 25.1240, 7.2360



86.0330, 4.4010, 2.8410



53.4840, 73.7160, 51.7320



9.6260, 13.1570, 9.3570

Previews

White Background



This preview shows how the YIQ color 166.9060, -20.7670, -14.6150 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 166.9060, -20.7670, -14.6150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

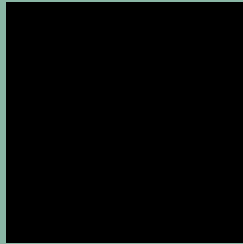
Any Text WCAG AA ✓ Pass

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 166.9060, -20.7670, -14.6150 Background



This preview shows how black text looks on a background with the YIQ color 166.9060, -20.7670, -14.6150.



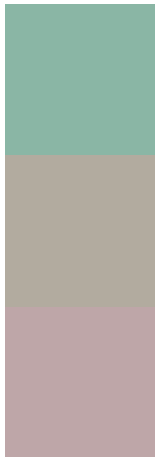
This preview shows how white text looks on a background with the YIQ color 166.9060, -20.7670, -14.6150.

-14.6150.

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

166.9060, -20.7670, -14.6150

Protanopia

171.7250, 8.0240, -2.2480

Deuteranopia

173.4040, 13.6620, 5.7100



Tritanopia

169.1310, -25.3540, -3.0660

Trichromacy



Original Color

166.9060, -20.7670, -14.6150

Protanomaly

169.8160, -2.6580, -6.8980

Deuteranomaly

171.1310, 1.0090, -1.7670

Tritanomaly

167.9800, -23.6110, -7.1230

Monochromacy



Original Color

166.9060, -20.7670, -14.6150

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.5320, -7.6100, -5.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.9060, -20.7670, -14.6150 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(138, 182, 165)` looks like.

```
.text, #text, p{  
    color:rgb(138, 182, 165)  
}
```

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(138, 182, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 182, 165) }
```

Border

The CSS property to change the border of an element to YIQ 166.9060, -20.7670, -14.6150 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

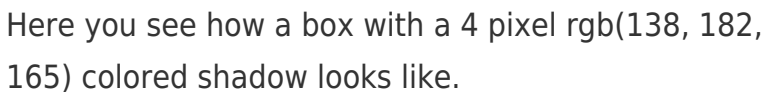
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 182, 165) }
```


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

```
.border{ border-color:rgb(138, 182, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 182, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 182, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 182, 165); box-shadow:4px 4px 4px 4px rgb(138, 182, 165) }
```

Background

The CSS property to change the background color of an element to YIQ 166.9060, -20.7670, -14.6150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 182, 165) }
```

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

```
.background{ background-color: rgb(138,  
182, 165) }
```

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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