

Converting Colors

YIQ(177.3100, -8.2460,
-37.7980)

Have a look what the booklet for
YIQ(177.3100, -8.2460, -37.7980)
contains.

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Color

**YIQ(177.3100, -8.2460,
-37.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	92CC7A
RGB	146, 204, 122
RGB Percent	57%, 80%, 48%
CMY	0.4276, 0.1999, 0.5215
CMYK	0.28, 0.00, 0.40, 0.20
HSL	102°, 45%, 64%
HSV	102°, 40%, 80%
XYZ	36.9574, 50.7091, 26.2549
YIQ	177.3100, -8.2460, -37.7980

Conversions

Conversions Part 2

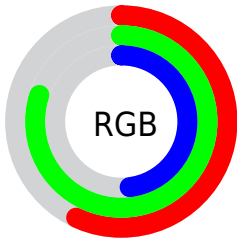
Format	Color
RYB	122, 204, 180
Decimal	9620602
CIELab	76.50, -33.78, 35.00
CIELCh	77, 48.641, 133.977
Yxy	50.7091, 0.3244, 0.4451
Android (android.graphics.Color)	4287810682 (0xFF92CC7A)
YUV	177.3100, -27.2678, -27.4589
Hunter-Lab	71.2103, -31.9784, 27.9873

Details

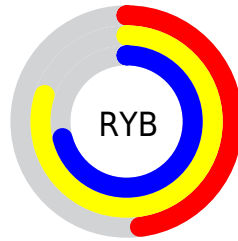
The YIQ color **177.3100, -8.2460, -37.7980** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **148.6900, 8.2460, 37.7980**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.0330, -5.9080, -36.1160**, and **123.4780, -8.6590, -35.8190** is the 20% darker color. If you saturate the color by 10%, you get **170.8440, -10.1700, -46.9860**, and if you desaturate by 10%, it is **183.7760, -6.3220, -28.6100**.

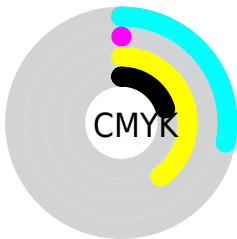
Distribution



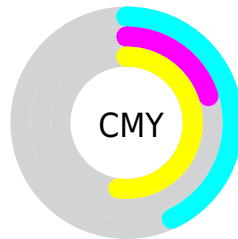
- Red (57%)
- Green (80%)
- Blue (48%)



- Red (48%)
- Yellow (80%)
- Blue (71%)



- Cyan (28%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)



- Cyan (43%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.3100, -8.2460, -37.7980 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 177.3100, -8.2460, -37.7980 by changing the saturation by 10% instead.

■ 177.3100, -8.2460,
-37.7980

■ 177.3100, -8.2460,
-37.7980

255.0000, -0.0000,
-0.0000

■ 149.8370, -8.2920,
-36.9640

■ 230.0330, -5.9080,
-36.1160

■ 123.4780, -8.6590,
-35.8190

■ 241.5970, 1.7920,
-21.4720

■ 97.7060, -9.3010,
-35.1970

■ 252.3780, 7.3830,
-7.1530

■ 72.4070, -9.8970,
-35.4090

■ 46.1290, -14.9860,
-36.7940

■ 29.3500, -13.7500,
-26.1500

■ 18.1970, -8.5250,

-16.2130

■ 0.0000, 0.0000,
0.0000

■ 177.3100, -8.2460,
-37.7980

■ 177.3100, -8.2460,
-37.7980

■ 170.8440,
-10.1700, -46.9860

■ 183.7760, -6.3220,
-28.6100

■ 163.9650,
-12.3690, -56.6970

■ 190.6550, -4.1230,
-18.8990

■ 157.4990,
-14.2930, -65.8850

■ 197.1210, -2.1990,
-9.7110

■ 150.6200,
-16.4920, -75.5960

■ 204.0000, -0.0000,
-0.0000

■ 144.1540,
-18.4160, -84.7840

■ 210.4660, 1.9240,
9.1880

■ 137.6880,
-20.3400, -93.9720

■ 217.2310, 4.4440,
18.5880

■ 222.6710, 9.2570,
24.9770

■ 225.0630, 14.0250,
26.6730

Harmonies

Analogous

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



183.1810, 31.9620, -28.5980



177.3100, -8.2460, -37.7980



166.2560, -60.8800, -42.0640

Triad

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



177.3100, -8.2460, -37.7980



162.0180, -105.8630, -14.2710



184.7350, 55.9310, 27.1230

Complementary

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



177.3100, -8.2460, -37.7980



148.6900, 8.2460, 37.7980

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.



191.7400, 40.3400, 39.8600



177.3100, -8.2460, -37.7980



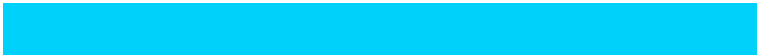
184.2980, -41.2210, 14.6750

Square

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



177.3100, -8.2460, -37.7980



151.1830, -137.7250, -31.5570



193.9390, 3.1110, 37.2470



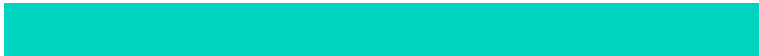
185.9310, 66.3420, 9.1420

Rectangle

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



177.3100, -8.2460, -37.7980



146.4460, -120.2530, -50.8530



193.9390, 3.1110, 37.2470



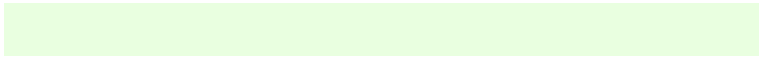
186.4450, 51.1160, 31.7880

Sweetspot

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



177.3100, -8.2460, -37.7980



244.8880, -3.1610, -14.3050



179.9770, 33.1970, -12.4270



122.0610, -1.9700, -8.3540



0.0000, 0.0000, 0.0000



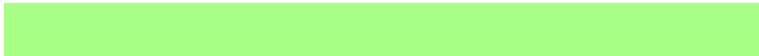
128.0000, -0.0000, -0.0000

Same Dimension

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



177.3100, -8.2460, -37.7980



215.0790, -12.6900, -56.3860



171.9580, -27.6860, -37.9100



98.7670, -0.9620, -4.5940



111.7940, -17.0420, -76.6420



25.5950, -3.8940, -17.5420

Inverse Universe

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



148.6900, 8.2460, 37.7980



172.6220, 12.0940, 56.1740



154.0420, 27.6860, 37.9100



95.2330, 0.9620, 4.5940



53.9070, 16.4460, 76.4300



12.4050, 3.8940, 17.5420

Previews

White Background



This preview shows how the YIQ color 177.3100, -8.2460, -37.7980 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 177.3100, -8.2460, -37.7980 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 177.3100, -8.2460, -37.7980

Background



This preview shows how black text looks on a background with the YIQ color 177.3100, -8.2460, -37.7980.



This preview shows how white text looks on a background with the YIQ color 177.3100, -8.2460,

-37.7980.

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

177.3100, -8.2460, -37.7980

Protanopia

184.8750, 33.2440, -18.7880

Deuteranopia

187.5270, 43.5120, -6.6320



Tritanopia

185.5440, -25.0790, -2.5430

Trichromacy



Original Color

177.3100, -8.2460, -37.7980



Protanomaly

182.3460, 18.4360, -25.7560



Deuteranomaly

183.9110, 24.3950, -18.1090



Tritanomaly

182.7490, -18.8870, -15.6470

Monochromacy



Original Color

177.3100, -8.2460, -37.7980



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

177.3010, -2.8860, -13.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.3100, -8.2460, -37.7980 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(146, 204, 122)` looks like.

```
.text, #text, p{  
    color:rgb(146, 204, 122)  
}
```

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(146, 204, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 204, 122) }
```

Border

The CSS property to change the border of an element to YIQ 177.3100, -8.2460, -37.7980 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(146, 204, 122) }
```


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

```
.border{ border-color:rgb(146, 204, 122) }
```

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

Here you see how a box with a 4 pixel rgb(146, 204, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 204, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 204, 122);  
box-shadow:4px 4px 4px 4px rgb(146, 204,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 177.3100, -8.2460, -37.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 204, 122) }
```

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

```
.background{ background-color: rgb(146,  
204, 122) }
```

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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