

Converting Colors

YIQ(190.6020, -33.2760,
-57.7560)

Have a look what the booklet for
YIQ(190.6020, -33.2760, -57.7560)
contains.

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Color

**YIQ(190.6020, -33.2760,
-57.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	7BED81
RGB	123, 237, 129
RGB Percent	48%, 93%, 51%
CMY	0.5180, 0.0704, 0.4942
CMYK	0.48, 0.00, 0.46, 0.07
HSL	123°, 76%, 71%
HSV	123°, 48%, 93%
XYZ	42.4156, 66.3852, 31.3427
YIQ	190.6020, -33.2760, -57.7560

Conversions

Conversions Part 2

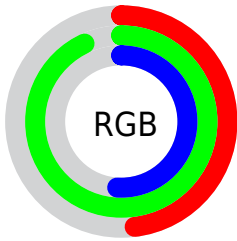
Format	Color
RYB	123, 231, 237
Decimal	8121729
CIELab	85.19, -54.08, 42.41
CIELCh	85, 68.732, 141.895
Yxy	66.3852, 0.3027, 0.4737
Android (android.graphics.Color)	4286311809 (0xFF7BED81)
YUV	190.6020, -30.3698, -59.2870
Hunter-Lab	81.4771, -49.6608, 34.2263

Details

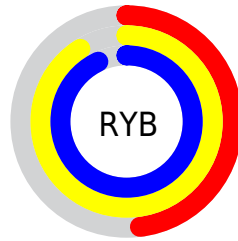
The YIQ color **190.6020, -33.2760, -57.7560** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **169.3980, 33.2760, 57.7560**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.6660, -20.9920, -38.0800**, and **132.9760, -37.2650, -57.0490** is the 20% darker color. If you saturate the color by 10%, you get **180.9180, -40.5180, -69.6860**, and if you desaturate by 10%, it is **200.2860, -26.0340, -45.8260**.

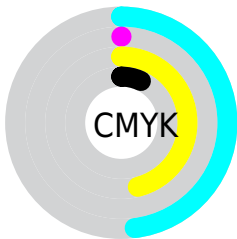
Distribution



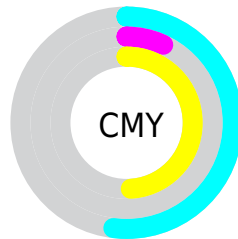
- Red (48%)
- Green (93%)
- Blue (51%)



- Red (48%)
- Yellow (91%)
- Blue (93%)



- Cyan (48%)
- Magenta (0%)
- Yellow (46%)
- Black (7%)



- Cyan (52%)
- Magenta (7%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.6020, -33.2760, -57.7560 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 190.6020, -33.2760, -57.7560 by changing the saturation by 10% instead.

■ 190.6020,
-33.2760, -57.7560

■ 190.6020,
-33.2760, -57.7560

■ 255.0000, -0.0000,
-0.0000

■ 161.6450,
-34.8350, -57.0350

■ 224.6660,
-20.9920, -38.0800

■ 132.9760,
-37.2650, -57.0490

■ 236.8280,
-12.1000, -23.0120

■ 102.0180,
-46.2510, -59.3950

■ 249.1040, -3.5290,
-7.6330

■ 76.9260, -42.9960,
-57.8120

■ 58.7000, -27.5000,
-52.3000

■ 44.0250, -20.6250,
-39.2250

■ 30.5240, -14.3000,

-27.1960

■ 15.8490, -7.4250,
-14.1210

■ 0.0000, 0.0000,
0.0000

■ 190.6020,
-33.2760, -57.7560

■ 190.6020,
-33.2760, -57.7560

■ 180.9180,
-40.5180, -69.6860

■ 200.2860,
-26.0340, -45.8260

■ 171.4190,
-46.8430, -81.7150


■ 209.7850,
-19.7090, -33.7970

■ 161.7350,
-54.0850, -93.6450


■ 219.4690,
-12.4670, -21.8670


■ 151.9370,
-61.0060, -105.8860

■ 229.2670, -5.5460,
-9.6260

 142.2530,
-68.2480, -117.8160

 238.6520, 1.1000,
2.0920

 140.6010,
-69.3480, -119.9080

 244.4340, 4.9500,
9.4140

Harmonies

Analogous

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



201.4620, 31.8280, -48.2040



190.6020, -33.2760, -57.7560



165.1160, -128.7320, -67.9000

Triad

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



190.6020, -33.2760, -57.7560



161.1450, -143.7300, -38.3700



188.1430, 54.6020, 23.6740

Complementary

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



190.6020, -33.2760, -57.7560



169.3980, 33.2760, 57.7560

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.



194.9660, 34.0120, 44.4120



190.6020, -33.2760, -57.7560



203.8450, -26.8240, 12.5680

Square

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



190.6020, -33.2760, -57.7560



169.3630, -147.5800, -45.6920



208.6270, 21.7250, 41.3170



193.4990, 67.0780, -4.2020

Rectangle

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



190.6020, -33.2760, -57.7560



170.9470, -143.7730, -54.1170



208.6270, 21.7250, 41.3170



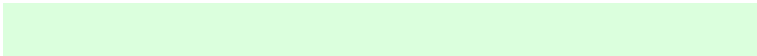
188.7760, 48.6860, 31.7740

Sweetspot

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



190.6020, -33.2760, -57.7560



240.3600, -10.5420, -18.2060



222.2100, 33.0180, -36.7260



119.0280, -6.3710, -11.1950



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.



190.6020, -33.2760, -57.7560



194.7880, -43.2680, -74.9160



197.1000, -51.5730, -40.0290



112.4570, -3.0250, -5.7530



107.3870, -52.9850, -91.5530



32.0400, -15.8130, -27.3090

Inverse Universe

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



169.3980, 33.2760, 57.7560



167.2120, 43.2680, 74.9160



162.9000, 51.5730, 40.0290



110.5430, 3.0250, 5.7530



73.6130, 52.9850, 91.5530



21.9600, 15.8130, 27.3090

Previews

White Background



This preview shows how the YIQ color 190.6020, -33.2760, -57.7560 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 190.6020, -33.2760, -57.7560 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 190.6020, -33.2760, -57.7560 Background



This preview shows how black text looks on a background with the YIQ color 190.6020, -33.2760, -57.7560.



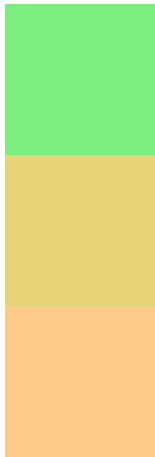
This preview shows how white text looks on a background with the YIQ color 190.6020, -33.2760, -57.7560.

-57.7560.

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

190.6020, -33.2760, -57.7560

Protanopia

207.4920, 41.4520, -24.3720

Deuteranopia

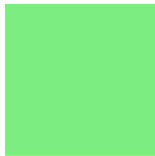
210.1380, 51.8570, -9.1910



Tritanopia

203.0290, -51.6700, -10.7260

Trichromacy



Original Color

190.6020, -33.2760, -57.7560



Protanomaly

201.1570, 14.1740, -36.6260



Deuteranomaly

203.0750, 20.6370, -27.0990



Tritanomaly

198.5990, -45.2480, -28.0000

Monochromacy



Original Color

190.6020, -33.2760, -57.7560



Achromatopsia

191.0000, -0.0000, -0.0000



Achromatomaly

190.8820, -12.1920, -21.3440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.6020, -33.2760, -57.7560 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(123, 237, 129)` looks like.

```
.text, #text, p{  
    color:rgb(123, 237, 129)  
}
```

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(123, 237, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 237, 129) }
```

Border

The CSS property to change the border of an element to YIQ 190.6020, -33.2760, -57.7560 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(123, 237, 129) }
```


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

```
.border{ border-color:rgb(123, 237, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 237, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 237, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 237, 129); box-shadow:4px 4px 4px 4px rgb(123, 237, 129) }
```

Background

The CSS property to change the background color of an element to YIQ 190.6020, -33.2760, -57.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 237, 129) }
```

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

```
.background{ background-color: rgb(123,  
237, 129) }
```

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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