

Converting Colors

YIQ(196.1270, -21.8130,
-61.7570)

Have a look what the booklet for
YIQ(196.1270, -21.8130, -61.7570)
contains.

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Color

**YIQ(196.1270, -21.8130,
-61.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	89F273
RGB	137, 242, 115
RGB Percent	54%, 95%, 45%
CMY	0.4631, 0.0508, 0.5490
CMYK	0.43, 0.00, 0.52, 0.05
HSL	110°, 83%, 70%
HSV	110°, 52%, 95%
XYZ	45.1626, 70.0795, 27.3669
YIQ	196.1270, -21.8130, -61.7570

Conversions

Conversions Part 2

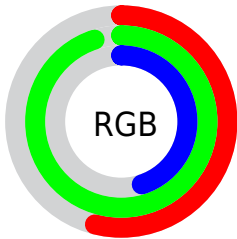
Format	Color
RYB	115, 242, 220
Decimal	9040499
CIELab	87.04, -53.95, 51.43
CIElCh	87, 74.539, 136.371
Yxy	70.0795, 0.3167, 0.4914
Android (android.graphics.Color)	4287230579 (0xFF89F273)
YUV	196.1270, -39.9956, -51.8544
Hunter-Lab	83.7135, -50.1996, 39.2168

Details

The YIQ color **196.1270, -21.8130, -61.7570** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **160.8730, 21.8130, 61.7570**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.3700, -8.4750, -39.1550**, and **138.9850, -24.2890, -60.9370** is the 20% darker color. If you saturate the color by 10%, you get **187.4110, -26.0290, -73.4610**, and if you desaturate by 10%, it is **204.8430, -17.5970, -50.0530**.

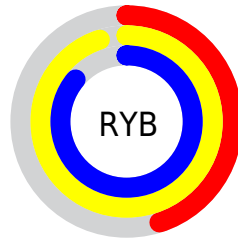
Distribution



Red (54%)

Green (95%)

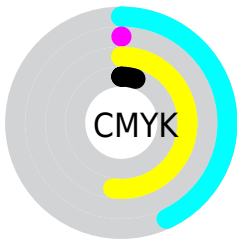
Blue (45%)



Red (45%)

Yellow (95%)

Blue (86%)

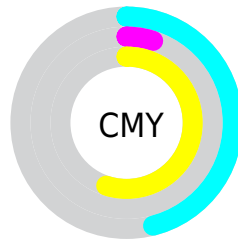


Cyan (43%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (46%)

Magenta (5%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.1270, -21.8130, -61.7570 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 196.1270, -21.8130, -61.7570 by changing the saturation by 10% instead.

■ 196.1270,
-21.8130, -61.7570

■ 196.1270,
-21.8130, -61.7570

■ 255.0000, -0.0000,
-0.0000

■ 167.3550,
-22.4550, -61.1350

■ 227.3700, -8.4750,
-39.1550

■ 138.9850,
-24.2890, -60.9370

■ 239.5320, 0.4170,
-24.0870

■ 109.7780,
-28.1400, -62.7320

■ 251.6940, 9.3090,
-9.0190

■ 76.8970, -36.0250,
-68.5130

■ 61.6350, -28.8750,
-54.9150

■ 46.3730, -21.7250,
-41.3170

■ 32.2850, -15.1250,

-28.7650

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 196.1270,
-21.8130, -61.7570

■ 196.1270,
-21.8130, -61.7570

■ 187.4110,
-26.0290, -73.4610

■ 204.8430,
-17.5970, -50.0530

■ 178.6950,
-30.2450, -85.1650

■ 213.5590,
-13.3810, -38.3490

■ 169.8650,
-34.1400, -97.1800

■ 222.3890, -9.4860,
-26.3340

■ 161.1490,
-38.3560, -108.8840

■ 231.1050, -5.2700,
-14.6300

■ 154.6120,
-41.5180, -117.6620

■ 239.8210, -1.0540,
-2.9260

■ 247.3690, 3.5750,
6.7990

Harmonies

Analogous

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



206.1230, 45.9040, -50.0000



196.1270, -21.8130, -61.7570



167.4980, -127.1720, -74.1480

Triad

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



196.1270, -21.8130, -61.7570



167.0150, -146.4800, -43.6000



187.9780, 50.9330, 29.5970

Complementary

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



196.1270, -21.8130, -61.7570



160.8730, 21.8130, 61.7570

Split Complementary

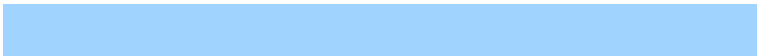
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



197.8330, 27.3170, 50.1090



196.1270, -21.8130, -61.7570



201.3540, -44.7950, 2.3490

Square

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



196.1270, -21.8130, -61.7570



174.6460, -150.0550, -50.3990



212.7360, 19.8000, 37.6560



192.4220, 65.9770, -0.7670

Rectangle

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



196.1270, -21.8130, -61.7570



174.3720, -143.7720, -59.6440



212.7360, 19.8000, 37.6560



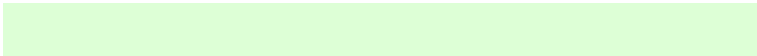
189.5400, 43.7790, 38.1070

Sweetspot

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



196.1270, -21.8130, -61.7570



240.1600, -7.1030, -19.9590



214.0210, 47.0920, -27.4680



118.8710, -4.4910, -12.2270



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.



196.1270, -21.8130, -61.7570



196.8790, -27.5870, -78.2670



194.1090, -47.7650, -53.9810



115.6420, -2.1080, -5.8520



117.5760, -31.5280, -89.4480



35.8620, -9.4400, -27.1680

Inverse Universe

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



160.8730, 21.8130, 61.7570



152.1210, 27.5870, 78.2670



162.8910, 47.7650, 53.9810



112.3580, 2.1080, 5.8520



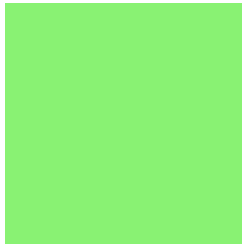
66.4240, 31.5280, 89.4480



20.1380, 9.4400, 27.1680

Previews

White Background



This preview shows how the YIQ color 196.1270, -21.8130, -61.7570 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 196.1270, -21.8130, -61.7570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

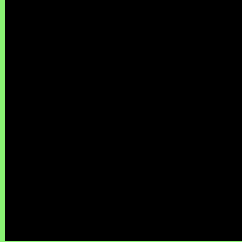
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

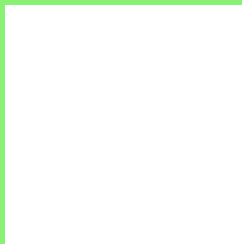
Any Text WCAG AAA ✓ Pass

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

YIQ 196.1270, -21.8130, -61.7570 Background



This preview shows how black text looks on a background with the YIQ color 196.1270, -21.8130, -61.7570.



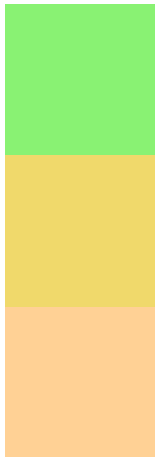
This preview shows how white text looks on a background with the YIQ color 196.1270, -21.8130, -61.7570.

-61.7570.

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

196.1270, -21.8130, -61.7570

Protanopia

211.3370, 49.0180, -29.3340

Deuteranopia

215.9140, 46.6760, -8.9080



Tritanopia

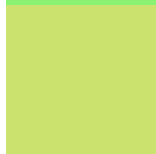
210.0190, -45.7100, -8.6060

Trichromacy



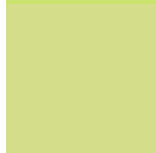
Original Color

196.1270, -21.8130, -61.7570



Protanomaly

205.8990, 23.5280, -40.9520



Deuteranomaly

208.7330, 21.6000, -28.0320



Tritanomaly

204.7910, -37.0410, -28.0570

Monochromacy



Original Color

196.1270, -21.8130, -61.7570



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

196.3940, -7.8820, -22.3620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.1270, -21.8130, -61.7570 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(137, 242, 115)` looks like.

```
.text, #text, p{  
    color:rgb(137, 242, 115)  
}
```

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(137, 242, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 242, 115) }
```

Border

The CSS property to change the border of an element to YIQ 196.1270, -21.8130, -61.7570 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(137, 242, 115) }
```


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

```
.border{ border-color:rgb(137, 242, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 242, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 242, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 242, 115);  
box-shadow:4px 4px 4px 4px rgb(137, 242,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 196.1270, -21.8130, -61.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 242, 115) }
```

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

```
.background{ background-color: rgb(137,  
242, 115) }
```

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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