

Converting Colors

YIQ(188.1090, -47.7650,
-53.9810)

Have a look what the booklet for
YIQ(188.1090, -47.7650, -53.9810)
contains.

YIQ(188.1090, -47.7650, -53.9810)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(188.1090, -47.7650,
-53.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	6DEC95
RGB	109, 236, 149
RGB Percent	43%, 93%, 58%
CMY	0.5729, 0.0743, 0.4158
CMYK	0.54, 0.00, 0.37, 0.07
HSL	139°, 77%, 68%
HSV	139°, 54%, 93%
XYZ	41.7286, 65.4359, 38.8518
YIQ	188.1090, -47.7650, -53.9810

Conversions

Conversions Part 2

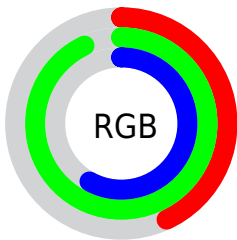
Format	Color
RYB	109, 206, 236
Decimal	7203989
CIELab	84.71, -54.07, 31.78
CIElCh	85, 62.717, 149.556
Yxy	65.4359, 0.2858, 0.4481
Android (android.graphics.Color)	4285394069 (0xFF6DEC95)
YUV	188.1090, -19.2807, -69.3786
Hunter-Lab	80.8925, -49.4821, 28.1484

Details

The YIQ color **188.1090, -47.7650, -53.9810** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **156.8910, 47.7650, 53.9810**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1730, -35.4810, -34.3050**, and **128.6890, -55.3300, -54.5460** is the 20% darker color. If you saturate the color by 10%, you get **179.1090, -56.9330, -64.0450**, and if you desaturate by 10%, it is **197.1090, -38.5970, -43.9170**.

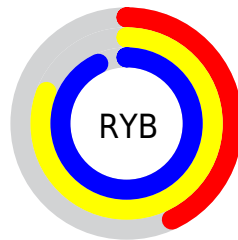
Distribution



Red (43%)

Green (93%)

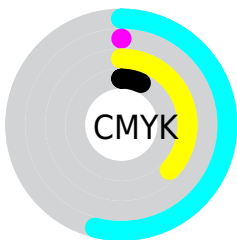
Blue (58%)



Red (43%)

Yellow (81%)

Blue (93%)

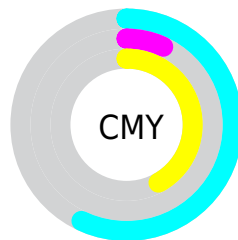


Cyan (54%)

Magenta (0%)

Yellow (37%)

Black (7%)



Cyan (57%)

Magenta (7%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.1090, -47.7650, -53.9810 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 188.1090, -47.7650, -53.9810 by changing the saturation by 10% instead.

■ 188.1090,
-47.7650, -53.9810

■ 188.1090,
-47.7650, -53.9810

■ 255.0000, -0.0000,
-0.0000

■ 158.8530,
-49.9200, -53.4720

■ 223.1730,
-35.4810, -34.3050

■ 128.6890,
-55.3300, -54.5460

■ 235.3350,
-26.5890, -19.2370

■ 97.5460, -65.2330,
-56.7930

■ 246.9270,
-16.0920, -5.7240

■ 78.9610, -50.1040,
-50.1360

■ 60.9630, -35.2500,
-44.0020

■ 43.4380, -20.3500,
-38.7020

■ 29.9370, -14.0250,

-26.6730

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,
0.0000

■ 188.1090,
-47.7650, -53.9810

■ 188.1090,
-47.7650, -53.9810

■ 179.1090,
-56.9330, -64.0450

■ 197.1090,
-38.5970, -43.9170

■ 170.4080,
-65.5050, -73.8970


■ 205.8100,
-30.0250, -34.0650

■ 161.2940,
-74.3520, -84.2720


■ 214.8100,
-20.8570, -24.0010

■ 152.2940,
-83.5200, -94.3360

■ 223.6250,
-12.6060, -13.8380

 146.9680,
-88.6540, -100.4140

 232.6250, -3.4380,
-3.7740

 241.6250, 5.7300,
6.2900

 243.8470, 5.2250,
9.9370

Harmonies

Analogous

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



199.8440, 16.1930, -45.6870



188.1090, -47.7650, -53.9810



165.2930, -133.3640, -61.0440

Triad

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



188.1090, -47.7650, -53.9810



184.5440, -86.9730, -15.2050



192.0580, 55.9790, 15.2350

Complementary

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



188.1090, -47.7650, -53.9810



156.8910, 47.7650, 53.9810

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.



194.6750, 38.9650, 37.2450



188.1090, -47.7650, -53.9810



207.8090, -8.8070, 21.9530

Square

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



188.1090, -47.7650, -53.9810



165.8410, -145.9300, -42.5540



206.8660, 22.5500, 42.8860



197.9670, 65.5200, -9.0080

Rectangle

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



188.1090, -47.7650, -53.9810



169.8530, -146.2040, -48.6040



206.8660, 22.5500, 42.8860



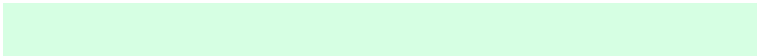
191.2890, 51.2550, 23.7590

Sweetspot

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



188.1090, -47.7650, -53.9810



239.5490, -15.4480, -17.4000



210.1600, 18.1190, -47.5530



118.5870, -9.4430, -10.5870



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.



188.1090, -47.7650, -53.9810



192.3700, -62.3420, -70.6460



195.1770, -67.6670, -34.6990



112.7990, -3.9880, -4.8200



112.7450, -68.0720, -76.9360



33.6360, -20.3070, -22.9550

Inverse Universe

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



156.8910, 47.7650, 53.9810



151.6300, 62.3420, 70.6460



149.8230, 67.6670, 34.6990



110.2010, 3.9880, 4.8200



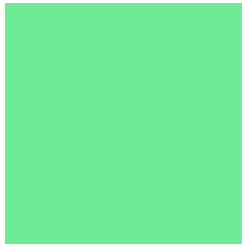
68.2550, 68.0720, 76.9360



20.3640, 20.3070, 22.9550

Previews

White Background



This preview shows how the YIQ color 188.1090, -47.7650, -53.9810 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 188.1090, -47.7650, -53.9810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

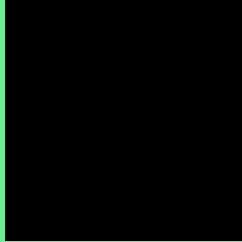
Any Text WCAG AA ✓ Pass

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 188.1090, -47.7650, -53.9810 Background



This preview shows how black text looks on a background with the YIQ color 188.1090, -47.7650, -53.9810.



This preview shows how white text looks on a background with the YIQ color 188.1090, -47.7650, -53.9810.

-53.9810.

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

188.1090, -47.7650, -53.9810

Protanopia

207.1740, 33.8400, -18.5760

Deuteranopia

210.0370, 42.1360, -3.7200



Tritanopia

199.5440, -60.6100, -13.9060

Trichromacy



Original Color

188.1090, -47.7650, -53.9810



Protanomaly

200.0560, 4.4530, -31.1550



Deuteranomaly

202.0770, 9.1280, -22.2640



Tritanomaly

195.3250, -56.1600, -28.4800

Monochromacy



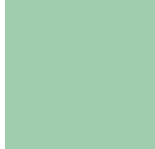
Original Color

188.1090, -47.7650, -53.9810



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.7120, -17.4650, -19.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.1090, -47.7650, -53.9810 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(109, 236, 149)` looks like.

```
.text, #text, p{  
    color:rgb(109, 236, 149)  
}
```

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(109, 236, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 236, 149) }
```

Border

The CSS property to change the border of an element to YIQ 188.1090, -47.7650, -53.9810 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(109, 236, 149) }
```


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

```
.border{ border-color:rgb(109, 236, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 236, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 236, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 236, 149);  
box-shadow:4px 4px 4px 4px rgb(109, 236,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 188.1090, -47.7650, -53.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 236, 149) }
```

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

```
.background{ background-color: rgb(109,  
236, 149) }
```

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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