

Converting Colors

YIQ(188.0150, -14.6650,
-37.1050)

Have a look what the booklet for
YIQ(188.0150, -14.6650, -37.1050)
contains.

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Color

**YIQ(188.0150, -14.6650,
-37.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	97D88D
RGB	151, 216, 141
RGB Percent	59%, 85%, 55%
CMY	0.4080, 0.1528, 0.4471
CMYK	0.30, 0.00, 0.35, 0.15
HSL	112°, 49%, 70%
HSV	112°, 35%, 85%
XYZ	42.1235, 57.6231, 34.1015
YIQ	188.0150, -14.6650, -37.1050

Conversions

Conversions Part 2

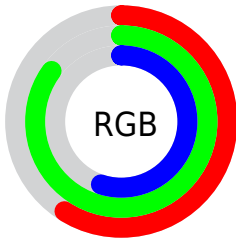
Format	Color
RYB	141, 216, 206
Decimal	9951373
CIELab	80.53, -34.86, 30.61
CIELCh	81, 46.391, 138.718
Yxy	57.6231, 0.3147, 0.4305
Android (android.graphics.Color)	4288141453 (0xFF97D88D)
YUV	188.0150, -23.1784, -32.4622
Hunter-Lab	75.9099, -33.7901, 26.5017

Details

The YIQ color **188.0150, -14.6650, -37.1050** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **168.9850, 14.6650, 37.1050**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8080, -9.3480, -28.8360**, and **133.7700, -15.3530, -35.6490** is the 20% darker color. If you saturate the color by 10%, you get **179.8260, -18.9270, -47.9750**, and if you desaturate by 10%, it is **196.2040, -10.4030, -26.2350**.

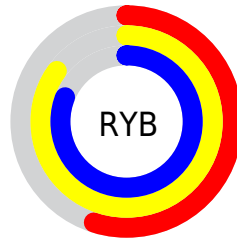
Distribution



Red (59%)

Green (85%)

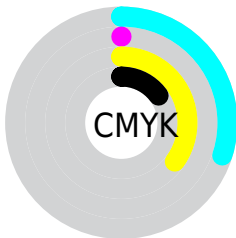
Blue (55%)



Red (55%)

Yellow (85%)

Blue (81%)

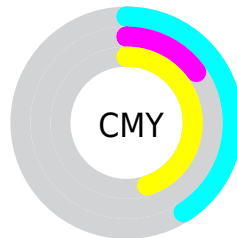


Cyan (30%)

Magenta (0%)

Yellow (35%)

Black (15%)



Cyan (41%)

Magenta (15%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.0150, -14.6650, -37.1050 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 188.0150, -14.6650, -37.1050 by changing the saturation by 10% instead.

■ 188.0150,
-14.6650, -37.1050

■ 188.0150,
-14.6650, -37.1050

■ 255.0000, -0.0000,
-0.0000

■ 160.5420,
-14.7110, -36.2710

■ 233.8080, -9.3480,
-28.8360

■ 133.7700,
-15.3530, -35.6490

■ 245.6710, -1.0520,
-13.9800

■ 107.4110,
-15.7200, -34.5040

■ 254.6580, 0.9630,
-0.9330

■ 82.2260, -16.6370,
-34.4050

■ 55.9590, -20.2590,
-34.8430

■ 35.2200, -16.5000,
-31.3800

■ 22.8930, -10.7250,

-20.3970

■ 2.3480, -1.1000,
-2.0920

■ 0.0000, 0.0000,
0.0000

■ 188.0150,
-14.6650, -37.1050

■ 188.0150,
-14.6650, -37.1050

■ 179.8260,
-18.9270, -47.9750

■ 196.2040,
-10.4030, -26.2350

■ 171.7510,
-23.5100, -58.5340

■ 203.9800, -6.4160,
-15.8880

■ 163.8610,
-27.1760, -69.1920

■ 212.1690, -2.1540,
-5.0180

■ 155.7860,
-31.7590, -79.7510

■ 220.2440, 2.4290,
5.5410

■ 147.5970,
-36.0210, -90.6210

■ 228.4330, 6.6910,
16.4110

■ 139.7070,
-39.6870, -101.2790

■ 232.1070, 10.7250,
20.3970

■ 135.4630,
-42.1160, -106.8200

Harmonies

Analogous

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



193.9460, 25.3140, -29.2620



188.0150, -14.6650, -37.1050



178.1570, -64.9150, -40.5230

Triad

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



188.0150, -14.6650, -37.1050



181.9520, -79.1340, -8.5900



193.5230, 50.4760, 21.3560

Complementary

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



188.0150, -14.6650, -37.1050



168.9850, 14.6650, 37.1050

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.



199.1260, 36.0770, 34.5170



188.0150, -14.6650, -37.1050



197.3550, -28.2000, 15.4800

Square

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



188.0150, -14.6650, -37.1050



157.6230, -142.0800, -35.2320



205.3050, 10.7680, 36.1440



195.6480, 59.6490, 3.7850

Rectangle

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



188.0150, -14.6650, -37.1050



162.7290, -113.5600, -45.4960



205.3050, 10.7680, 36.1440



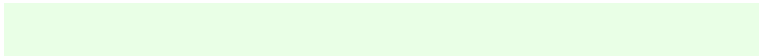
194.6460, 45.9360, 26.5440

Sweetspot

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



188.0150, -14.6650, -37.1050



245.5720, -5.0870, -12.4390



201.5800, 26.8250, -18.0950



121.9900, -3.2080, -7.9440



0.0000, 0.0000, 0.0000



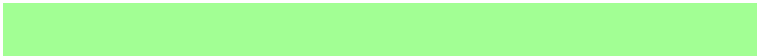
128.0000, -0.0000, -0.0000

Same Dimension

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



188.0150, -14.6650, -37.1050



214.9950, -21.0810, -52.9930



188.2170, -29.6130, -30.5170



103.0550, -1.8330, -5.3290



107.2540, -33.3170, -84.5570



27.0350, -8.2490, -21.2170

Inverse Universe

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



168.9850, 14.6650, 37.1050



188.0050, 21.0810, 52.9930



168.8970, 29.2920, 30.8280



100.2440, 2.4290, 5.5410



63.7460, 33.3170, 84.5570



16.2640, 8.8450, 21.4290

Previews

White Background



This preview shows how the YIQ color 188.0150, -14.6650, -37.1050 looks on a white background.

Color Contrast Check

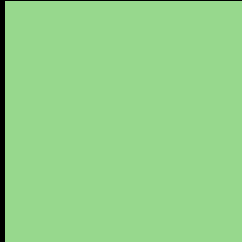
Large Text (above 18pt) WCAG AA × Fail

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 188.0150, -14.6650, -37.1050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

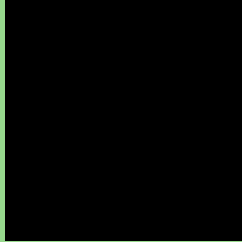
Any Text WCAG AA ✓ Pass

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 188.0150, -14.6650, -37.1050 Background



This preview shows how black text looks on a background with the YIQ color 188.0150, -14.6650, -37.1050.



This preview shows how white text looks on a background with the YIQ color 188.0150, -14.6650, -37.1050.

-37.1050.

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

188.0150, -14.6650, -37.1050

Protanopia

196.6730, 30.9970, -16.6110

Deuteranopia

199.1400, 40.3480, -4.3560



Tritanopia

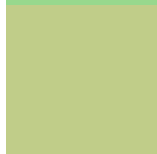
195.5650, -29.5720, -3.7160

Trichromacy



Original Color

188.0150, -14.6650, -37.1050



Protanomaly

193.3610, 14.0800, -23.9040



Deuteranomaly

194.9260, 20.0390, -16.2570



Tritanomaly

193.1120, -24.3430, -15.8870

Monochromacy



Original Color

188.0150, -14.6650, -37.1050



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0450, -5.0410, -13.2730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.0150, -14.6650, -37.1050 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(151, 216, 141)` looks like.

```
.text, #text, p{  
    color:rgb(151, 216, 141)  
}
```

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(151, 216, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 216, 141) }
```

Border

The CSS property to change the border of an element to YIQ 188.0150, -14.6650, -37.1050 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(151, 216, 141) }
```


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

```
.border{ border-color:rgb(151, 216, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 216, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 216, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 216, 141);  
box-shadow:4px 4px 4px 4px rgb(151, 216,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 188.0150, -14.6650, -37.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 216, 141) }
```

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

```
.background{ background-color: rgb(151,  
216, 141) }
```

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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