

Converting Colors

YIQ(181.2440, 36.8190,
-11.9890)

Have a look what the booklet for
YIQ(181.2440, 36.8190, -11.9890)
contains.

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Color

**YIQ(181.2440, 36.8190,
-11.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B378
RGB	209, 179, 120
RGB Percent	82%, 70%, 47%
CMY	0.1804, 0.2981, 0.5292
CMYK	0.00, 0.14, 0.43, 0.18
HSL	40°, 49%, 65%
HSV	40°, 43%, 82%
XYZ	45.8077, 47.1489, 24.4712
YIQ	181.2440, 36.8190, -11.9890

Conversions

Conversions Part 2

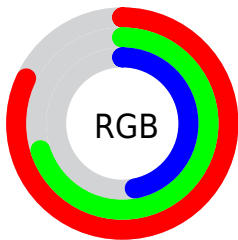
Format	Color
RYB	165, 209, 120
Decimal	13742968
CIELab	74.28, 2.86, 34.07
CIElCh	74, 34.185, 85.207
Yxy	47.1489, 0.3901, 0.4015
Android (android.graphics.Color)	4291933048 (0xFFD1B378)
YUV	181.2440, -30.1933, 24.3420
Hunter-Lab	68.6651, -1.0834, 26.9355

Details

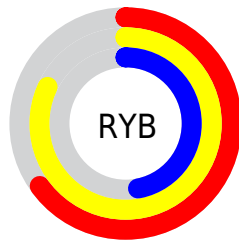
The YIQ color **181.2440, 36.8190, -11.9890** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **147.7560, -36.8190, 11.9890**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.9120, 31.8220, -15.0420**, and **127.6890, 34.0680, -11.6920** is the 20% darker color. If you saturate the color by 10%, you get **174.7410, 45.4850, -14.8590**, and if you desaturate by 10%, it is **187.7470, 28.1530, -9.1190**.

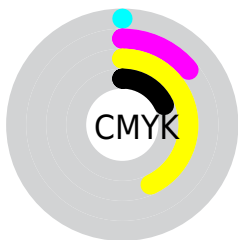
Distribution



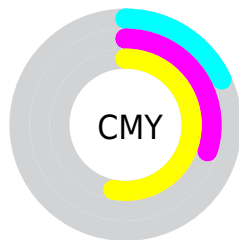
- Red (82%)
- Green (70%)
- Blue (47%)



- Red (65%)
- Yellow (82%)
- Blue (47%)



- Cyan (0%)
- Magenta (14%)
- Yellow (43%)
- Black (18%)



- Cyan (18%)
- Magenta (30%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.2440, 36.8190, -11.9890 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 181.2440, 36.8190, -11.9890 by changing the saturation by 10% instead.

■ 181.2440, 36.8190,
-11.9890

■ 181.2440, 36.8190,
-11.9890

255.0000, -0.0000,
-0.0000

■ 154.1730, 35.5810,
-11.5790

■ 233.9120, 31.8220,
-15.0420

■ 127.6890, 34.0680,
-11.6920

■ 248.8440, 17.3340,
-16.7940

■ 102.9060, 31.9590,
-12.0170

■ 252.0360, 8.3460,
-8.0860

■ 78.0090, 30.1710,
-12.6530

■ 54.4110, 28.9790,
-13.0770

■ 34.6090, 19.8540,
-7.3940

■ 15.1060, 11.3250,

-1.4990

■ 0.0000, 0.0000,
0.0000

■ 181.2440, 36.8190,
-11.9890

■ 181.2440, 36.8190,
-11.9890

■ 174.7410, 45.4850,
-14.8590

■ 187.7470, 28.1530,
-9.1190

■ 168.2380, 54.1510,
-17.7290

■ 194.2500, 19.4870,
-6.2490

■ 161.7350, 62.8170,
-20.5990

■ 200.7530, 10.8210,
-3.3790

■ 155.2320, 71.4830,
-23.4690

■ 207.2560, 2.1550,
-0.5090

■ 148.8430, 79.8280,
-26.0280

■ 213.7590, -6.5110,
2.3610

■ 143.4970, 86.6140,
-27.8660

■ 220.1480,
-14.8560, 4.9200

■ 225.3970,
-19.9910, 4.3690

■ 229.5060,
-21.9160, 0.7080

■ 233.6150,
-23.8410, -2.9530

Harmonies

Analogous

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



183.3310, 50.2960, 2.5840



181.2440, 36.8190, -11.9890



178.1160, 13.3920, -22.4480

Triad

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



181.2440, 36.8190, -11.9890



163.5480, -75.6010, -23.0650



187.5900, 13.9790, 27.5070

Complementary

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



181.2440, 36.8190, -11.9890



147.7560, -36.8190, 11.9890

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.



184.3780, -17.8390, 20.4410



181.2440, 36.8190, -11.9890



167.6380, -75.3740, -10.6540

Square

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



181.2440, 36.8190, -11.9890



168.2610, -50.1080, -28.0280



177.1670, -51.3980, 6.3780



186.6390, 38.6460, 26.5020

Rectangle

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



181.2440, 36.8190, -11.9890



175.2430, -6.1390, -26.4190



177.1670, -51.3980, 6.3780



186.9740, 4.0300, 26.0940

Sweetspot

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



181.2440, 36.8190, -11.9890



244.7810, 13.6180, -4.5100



150.1450, 43.0930, 28.5090



121.4970, 8.6660, -2.8700



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.



181.2440, 36.8190, -11.9890



214.3520, 53.8300, -17.4180



194.9670, 20.8210, -30.4350



101.3980, 4.6310, -1.3290



115.9760, 69.3280, -22.9600



28.1080, 17.0110, -5.4290

Inverse Universe

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



147.7560, -36.8190, 11.9890



165.6480, -53.8300, 17.4180



134.0330, -20.8210, 30.4350



97.6020, -4.6310, 1.3290



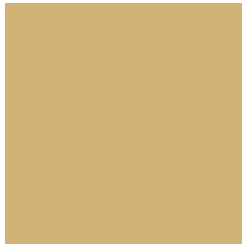
52.6110, -69.6030, 22.4370



12.8920, -17.0110, 5.4290

Previews

White Background



This preview shows how the YIQ color 181.2440, 36.8190, -11.9890 looks on a white background.

Color Contrast Check

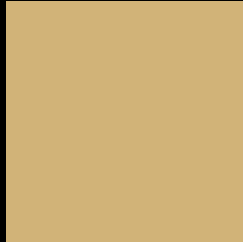
Large Text (above 18pt) WCAG AA × Fail

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 181.2440, 36.8190, -11.9890 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 181.2440, 36.8190, -11.9890

Background



This preview shows how black text looks on a background with the YIQ color 181.2440, 36.8190, -11.9890.



This preview shows how white text looks on a background with the YIQ color 181.2440, 36.8190, -11.9890.

-11.9890.

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

181.2440, 36.8190, -11.9890

Protanopia

180.5310, 28.5210, -15.7910

Deuteranopia

182.0000, 43.5580, -7.4660



Tritanopia

185.9370, 22.6470, 13.5830

Trichromacy



Original Color

181.2440, 36.8190, -11.9890

Protanomaly

181.0260, 31.5010, -14.7310

Deuteranomaly

181.3910, 40.8990, -8.8370

Tritanomaly

184.1790, 27.4170, 4.2250

Monochromacy



Original Color

181.2440, 36.8190, -11.9890

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.8950, 13.2970, -4.1990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.2440, 36.8190, -11.9890 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(209, 179, 120)` looks like.

```
.text, #text, p{  
    color:rgb(209, 179, 120)  
}
```

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(209, 179, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 179, 120) }
```

Border

The CSS property to change the border of an element to YIQ 181.2440, 36.8190, -11.9890 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(209, 179, 120) }
```


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

```
.border{ border-color:rgb(209, 179, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 179, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 179, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 179, 120);  
box-shadow:4px 4px 4px 4px rgb(209, 179,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 181.2440, 36.8190, -11.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 179, 120) }
```

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

```
.background{ background-color: rgb(209,  
179, 120) }
```

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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