

Converting Colors

YIQ(150.8190, 36.8180, -6.4620)

Have a look what the booklet for
YIQ(150.8190, 36.8180, -6.4620)
contains.

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Color

**YIQ(150.8190, 36.8180,
-6.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	B69163
RGB	182, 145, 99
RGB Percent	71%, 57%, 39%
CMY	0.2862, 0.4314, 0.6116
CMYK	0.00, 0.20, 0.46, 0.29
HSL	33°, 36%, 55%
HSV	33°, 46%, 71%
XYZ	31.6723, 31.0947, 16.1486
YIQ	150.8190, 36.8180, -6.4620

Conversions

Conversions Part 2

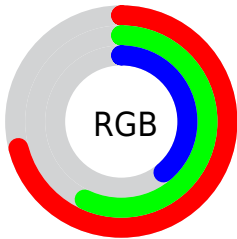
Format	Color
RYB	166, 182, 99
Decimal	11964771
CIELab	62.59, 7.91, 29.63
CIELCh	63, 30.666, 75.062
Yxy	31.0947, 0.4013, 0.3940
Android (android.graphics.Color)	4290154851 (0xFFB69163)
YUV	150.8190, -25.5468, 27.3457
Hunter-Lab	55.7626, 3.8008, 21.8637

Details

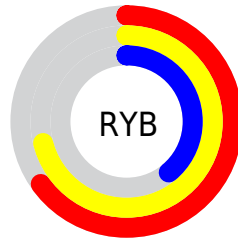
The YIQ color **150.8190, 36.8180, -6.4620** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **130.1810, -36.8180, 6.4620**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3740, 39.5690, -6.7590**, and **99.5520, 33.1960, -6.9000** is the 20% darker color. If you saturate the color by 10%, you get **144.0710, 44.7960, -7.8760**, and if you desaturate by 10%, it is **157.5670, 28.8400, -5.0480**.

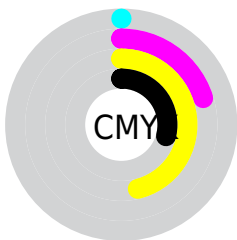
Distribution



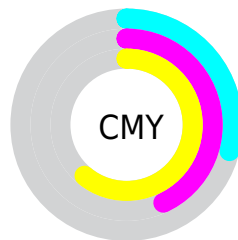
- Red (71%)
- Green (57%)
- Blue (39%)



- Red (65%)
- Yellow (71%)
- Blue (39%)



- Cyan (0%)
- Magenta (20%)
- Yellow (46%)
- Black (29%)





- Cyan (29%)
- Magenta (43%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.8190, 36.8180, -6.4620 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 150.8190, 36.8180, -6.4620 by changing the saturation by 10% instead.


 150.8190, 36.8180,
-6.4620


 150.8190, 36.8180,
-6.4620


255.0000, -0.0000,
-0.0000


 124.4490, 34.9840,
-6.2640


 205.3740, 39.5690,
-6.7590

 99.5520, 33.1960,
-6.9000


 229.6720, 32.7380,
-9.6140


 75.1820, 31.3620,
-6.7020

 249.3000, 16.0500,
-15.5500

 51.7580, 29.6200,
-8.1720

 252.4920, 7.0620,
-6.8420

 31.6850, 22.6960,
-3.8320

 9.8340, 15.2670,
4.1550

 0.0000, 0.0000,

0.0000

■ 150.8190, 36.8180,
-6.4620

■ 150.8190, 36.8180,
-6.4620

■ 144.0710, 44.7960,
-7.8760

■ 157.5670, 28.8400,
-5.0480

■ 137.3230, 52.7740,
-9.2900

■ 164.3150, 20.8620,
-3.6340

■ 130.4610, 61.0730,
-11.0150

■ 171.1770, 12.5630,
-1.9090

■ 123.1260, 69.3260,
-11.9060

■ 177.9250, 4.5850,
-0.4950

■ 116.3780, 77.3040,
-13.3200

■ 185.2600, -3.6680,
0.3960

■ 113.7050, 80.6970,
-14.2390

■ 192.0080,
-11.6460, 1.8100

■ 198.7560,
-19.6240, 3.2240

■ 205.6180,
-27.9230, 4.9490

■ 211.4540,
-33.3330, 3.8750

Harmonies

Analogous

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



152.6280, 45.2060, 6.7260



150.8190, 36.8180, -6.4620



148.2140, 19.1680, -16.9920

Triad

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



150.8190, 36.8180, -6.4620



135.0890, -61.0670, -22.1470



154.6810, 3.2970, 22.8570

Complementary

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



150.8190, 36.8180, -6.4620



130.1810, -36.8180, 6.4620

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.



151.0840, -25.9990, 14.1370



150.8190, 36.8180, -6.4620



135.4550, -70.6050, -14.4850

Square

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



150.8190, 36.8180, -6.4620



140.1660, -33.6030, -24.2830



143.6950, -53.1850, 0.2150



155.0120, 27.2300, 24.1420

Rectangle

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



150.8190, 36.8180, -6.4620



146.0810, 3.3050, -21.3590



143.6950, -53.1850, 0.2150



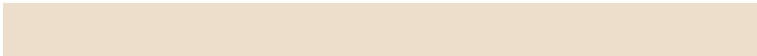
154.4240, -6.2850, 20.2990

Sweetspot

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



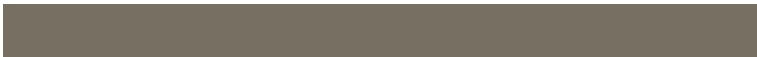
150.8190, 36.8180, -6.4620



224.4330, 14.7180, -2.4180



128.0350, 37.5910, 29.1030



112.3230, 9.2160, -1.8240



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



150.8190, 36.8180, -6.4620



188.1340, 57.6800, -10.0960



171.3420, 24.2590, -26.6610



88.6260, 3.9890, -0.7070



97.1260, 69.3260, -11.9060



17.7640, 12.2880, -2.4320

Inverse Universe

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



130.1810, -36.8180, 6.4620



155.8660, -57.6800, 10.0960



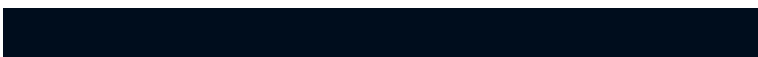
109.6580, -24.2590, 26.6610



86.3740, -3.9890, 0.7070



58.2870, -69.0510, 12.4290



10.8230, -12.5630, 1.9090

Previews

White Background



This preview shows how the YIQ color 150.8190, 36.8180, -6.4620 looks on a white background.

Color Contrast Check

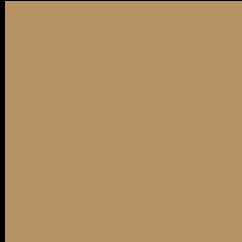
Large Text (above 18pt) WCAG AA × Fail

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 150.8190, 36.8180, -6.4620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

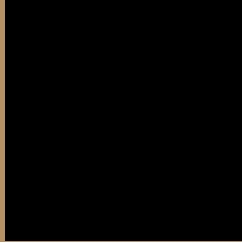
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.8190, 36.8180, -6.4620

Background



This preview shows how black text looks on a background with the YIQ color 150.8190, 36.8180, -6.4620.



This preview shows how white text looks on a background with the YIQ color 150.8190, 36.8180,

-6.4620.

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

150.8190, 36.8180, -6.4620

Protanopia

149.8880, 23.2020, -13.0060

Deuteranopia

150.8190, 36.8180, -6.4620



Tritanopia

154.4920, 25.3980, 13.2860

Trichromacy



Original Color

150.8190, 36.8180, -6.4620

Protanomaly

150.1060, 28.5200, -10.2640

Deuteranomaly

150.8190, 36.8180, -6.4620

Tritanomaly

153.0160, 29.4340, 6.2180

Monochromacy



Original Color

150.8190, 36.8180, -6.4620

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.9490, 13.2050, -2.5310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.8190, 36.8180, -6.4620 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(182, 145, 99)` looks like.

```
.text, #text, p{  
    color:rgb(182, 145, 99)  
}
```

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(182, 145, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 145, 99) }
```

Border

The CSS property to change the border of an element to YIQ 150.8190, 36.8180, -6.4620 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(182, 145, 99) }
```


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

```
.border{ border-color:rgb(182, 145, 99) }
```

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

Here you see how a box with a 4 pixel rgb(182, 145, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 145, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 145, 99);  
box-shadow:4px 4px 4px 4px rgb(182, 145,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 150.8190, 36.8180, -6.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 145, 99) }
```

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

```
.background{ background-color: rgb(182,  
145, 99) }
```

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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