

Converting Colors

YIQ(147.7120, 35.2610,
-16.7950)

Have a look what the booklet for
YIQ(147.7120, 35.2610, -16.7950)
contains.

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Color

**YIQ(147.7120, 35.2610,
-16.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9550
RGB	171, 149, 80
RGB Percent	67%, 58%, 31%
CMY	0.3294, 0.4157, 0.6861
CMYK	0.00, 0.13, 0.53, 0.33
HSL	45°, 36%, 49%
HSV	45°, 53%, 67%
XYZ	28.9909, 30.7300, 12.0025
YIQ	147.7120, 35.2610, -16.7950

Conversions

Conversions Part 2

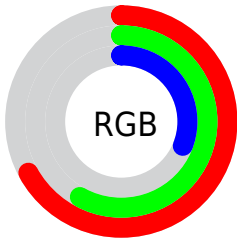
Format	Color
RYB	109, 171, 80
Decimal	11244880
CIELab	62.28, -0.84, 39.07
CIElCh	62, 39.077, 91.229
Yxy	30.7300, 0.4042, 0.4285
Android (android.graphics.Color)	4289434960 (0xFFAB9550)
YUV	147.7120, -33.3820, 20.4236
Hunter-Lab	55.4347, -3.6599, 25.9670

Details

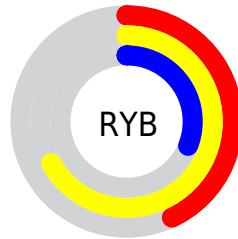
The YIQ color $147.7120, 35.2610, -16.7950$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $103.2880, -35.2610, 16.7950$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $202.2670, 38.0120, -17.0920$, and $96.3310, 31.9600, -17.5440$ is the 20% darker color. If you saturate the color by 10%, you get $143.4260, 41.8180, -19.9900$, and if you desaturate by 10%, it is $151.9980, 28.7040, -13.6000$.

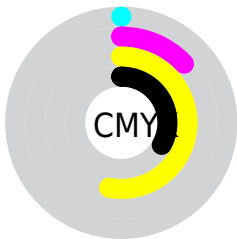
Distribution



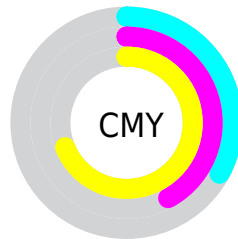
- Red (67%)
- Green (58%)
- Blue (31%)



- Red (43%)
- Yellow (67%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (53%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.7120, 35.2610, -16.7950 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 147.7120, 35.2610, -16.7950 by changing the saturation by 10% instead.

■ 147.7120, 35.2610,
-16.7950

■ 147.7120, 35.2610,
-16.7950

■ 255.0000, -0.0000,
-0.0000

■ 121.3420, 33.4270,
-16.5970

■ 202.2670, 38.0120,
-17.0920

■ 96.4450, 31.6390,
-17.2330

■ 229.8540, 37.7370,
-17.6150

■ 71.5050, 31.4100,
-18.5900

■ 247.0200, 22.4700,
-21.7700

■ 50.2580, 25.0360,
-13.2040

■ 250.2120, 13.4820,
-13.0620

■ 30.7440, 15.0400,
-8.2560

■ 253.4040, 4.4940,
-4.3540

■ 8.5720, 4.0810,
-2.3750

■ 0.0000, 0.0000,

0.0000

■ 147.7120, 35.2610,
-16.7950

■ 147.7120, 35.2610,
-16.7950

■ 143.4260, 41.8180,
-19.9900

■ 151.9980, 28.7040,
-13.6000

■ 139.1400, 48.3750,
-23.1850

■ 156.2840, 22.1470,
-10.4050

■ 134.8540, 54.9320,
-26.3800

■ 160.5700, 15.5900,
-7.2100

■ 129.9810, 61.7640,
-29.0520

■ 165.4430, 8.7580,
-4.5380

■ 127.4390, 66.1660,
-31.7380

■ 169.8430, 1.8800,
-1.0320

■ 174.1290, -4.6770,
2.1630

■ 178.4150,
-11.2340, 5.3580

■ 182.7010,
-17.7910, 8.5530

■ 186.9870,
-24.3480, 11.7480

Harmonies

Analogous

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



150.1800, 52.0390, -1.4730



147.7120, 35.2610, -16.7950



143.9580, 7.8450, -26.5470

Triad

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



147.7120, 35.2610, -16.7950



119.7060, -105.5850, -30.3290



155.0040, 21.6810, 31.0970

Complementary

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



147.7120, 35.2610, -16.7950



103.2880, -35.2610, 16.7950

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.



153.3510, -13.2090, 24.6390



147.7120, 35.2610, -16.7950



119.7350, -112.5560, -19.6280

Square

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



147.7120, 35.2610, -16.7950



125.0880, -77.6620, -35.2780



144.9650, -53.6450, 8.5550



153.5860, 46.1650, 27.9010

Rectangle

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



147.7120, 35.2610, -16.7950



140.6440, -14.7580, -29.9100



144.9650, -53.6450, 8.5550



154.6160, 11.0900, 30.3060

Sweetspot

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



147.7120, 35.2610, -16.7950



212.6130, 14.0310, -6.4890



109.8310, 46.8530, 26.4450



106.6710, 8.1160, -3.9160



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



147.7120, 35.2610, -16.7950



185.2670, 55.2070, -25.8570



153.7490, 15.5030, -33.1770



84.8000, 3.4390, -1.7530



111.7680, 58.0500, -27.8220



16.8560, 9.0330, -4.0150

Inverse Universe

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



103.2880, -35.2610, 16.7950



116.1460, -54.9320, 26.3800



97.2510, -15.5030, 33.1770



80.2000, -3.4390, 1.7530



38.2320, -58.0500, 27.8220



6.1440, -9.0330, 4.0150

Previews

White Background



This preview shows how the YIQ color 147.7120, 35.2610, -16.7950 looks on a white background.

Color Contrast Check

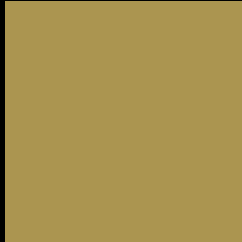
Large Text (above 18pt) WCAG AA × Fail

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 147.7120, 35.2610, -16.7950 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 147.7120, 35.2610, -16.7950

Background



This preview shows how black text looks on a background with the YIQ color 147.7120, 35.2610, -16.7950.



This preview shows how white text looks on a background with the YIQ color 147.7120, 35.2610, -16.7950.

-16.7950.

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

147.7120, 35.2610, -16.7950

Protanopia

147.5050, 31.4100, -18.5900

Deuteranopia

148.7780, 44.0630, -11.1130



Tritanopia

153.3170, 18.5210, 11.2650

Trichromacy



Original Color

147.7120, 35.2610, -16.7950

Protanomaly

147.5160, 32.8770, -17.6430

Deuteranomaly

148.4570, 40.5330, -13.2190

Tritanomaly

151.2170, 24.2540, 0.9740

Monochromacy



Original Color

147.7120, 35.2610, -16.7950

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.5420, 12.7930, -6.0790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.7120, 35.2610, -16.7950 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(171, 149, 80)` looks like.

```
.text, #text, p{  
    color:rgb(171, 149, 80)  
}
```

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(171, 149, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 149, 80) }
```

Border

The CSS property to change the border of an element to YIQ 147.7120, 35.2610, -16.7950 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(171, 149, 80) }
```


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

```
.border{ border-color:rgb(171, 149, 80) }
```

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

Here you see how a box with a 4 pixel rgb(171, 149, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 149, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 149, 80);  
box-shadow:4px 4px 4px 4px rgb(171, 149,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 147.7120, 35.2610, -16.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 149, 80) }
```

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

```
.background{ background-color: rgb(171,  
149, 80) }
```

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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