

Converting Colors

YIQ(147.4290, 37.7360,
-12.0880)

Have a look what the booklet for
YIQ(147.4290, 37.7360, -12.0880)
contains.

YIQ(147.4290, 37.7360, -12.0880)	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(147.4290, 37.7360,
-12.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	B09155
RGB	176, 145, 85
RGB Percent	69%, 57%, 33%
CMY	0.3098, 0.4314, 0.6665
CMYK	0.00, 0.18, 0.52, 0.31
HSL	40°, 37%, 51%
HSV	40°, 52%, 69%
XYZ	29.6717, 30.1346, 12.8575
YIQ	147.4290, 37.7360, -12.0880

Conversions

Conversions Part 2

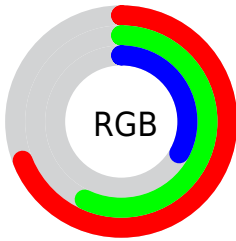
Format	Color
RYB	132, 176, 85
Decimal	11571541
CIELab	61.77, 3.97, 35.97
CIELCh	62, 36.184, 83.702
Yxy	30.1346, 0.4083, 0.4147
Android (android.graphics.Color)	4289761621 (0xFFB09155)
YUV	147.4290, -30.7775, 25.0568
Hunter-Lab	54.8950, 0.4159, 24.5397

Details

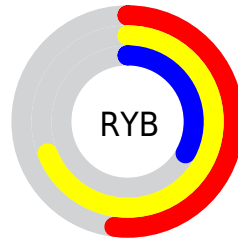
The YIQ color **147.4290, 37.7360, -12.0880** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **113.5710, -37.7360, 12.0880**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9840, 40.4870, -12.3850**, and **96.1620, 34.1140, -12.5260** is the 20% darker color. If you saturate the color by 10%, you get **141.8550, 45.1640, -14.5480**, and if you desaturate by 10%, it is **153.0030, 30.3080, -9.6280**.

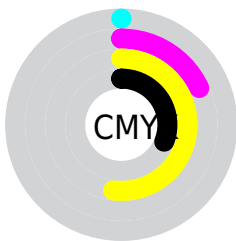
Distribution



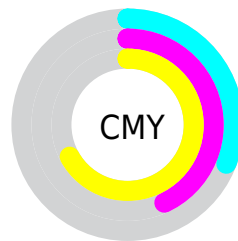
- Red (69%)
- Green (57%)
- Blue (33%)



- Red (52%)
- Yellow (69%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (52%)
- Black (31%)



- Cyan (31%)
- Magenta (43%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.4290, 37.7360, -12.0880 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 147.4290, 37.7360, -12.0880 by changing the saturation by 10% instead.

■ 147.4290, 37.7360,
-12.0880

■ 147.4290, 37.7360,
-12.0880

■ 255.0000, -0.0000,
-0.0000

■ 121.0590, 35.9020,
-11.8900

■ 201.9840, 40.4870,
-12.3850

■ 96.1620, 34.1140,
-12.5260

■ 228.0760, 37.2320,
-13.9680

■ 71.5640, 32.9220,
-12.9500

■ 247.5900, 20.8650,
-20.2150

■ 49.6930, 28.2450,
-10.7870

■ 250.7820, 11.8770,
-11.5070

■ 29.5920, 18.5240,
-5.3160

■ 254.0880, 2.5680,
-2.4880

■ 7.1430, 9.9030,
2.2470

■ 0.0000, 0.0000,

0.0000

■ 147.4290, 37.7360,
-12.0880

■ 147.4290, 37.7360,
-12.0880

■ 141.8550, 45.1640,
-14.5480

■ 153.0030, 30.3080,
-9.6280

■ 136.3950, 52.2710,
-16.6970

■ 158.4630, 23.2010,
-7.4790

■ 130.8210, 59.6990,
-19.1570

■ 164.0370, 15.7730,
-5.0190

■ 125.3610, 66.8060,
-21.3060

■ 169.4970, 8.6660,
-2.8700

■ 120.7160, 72.9960,
-23.3560

■ 175.0710, 1.2380,
-0.4100

■ 180.6450, -6.1900,
2.0500

■ 186.1050,
-13.2970, 4.1990

■ 191.6790,
-20.7250, 6.6590

■ 197.1390,
-27.8320, 8.8080

Harmonies

Analogous

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



149.7440, 50.5710, 3.1070



147.4290, 37.7360, -12.0880



144.1870, 14.6300, -22.8580

Triad

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



147.4290, 37.7360, -12.0880



117.2780, -101.5040, -32.7040



153.6330, 12.4200, 28.2280

Complementary

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



147.4290, 37.7360, -12.0880



113.5710, -37.7360, 12.0880

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.



150.4100, -20.8650, 20.2150



147.4290, 37.7360, -12.0880



120.8840, -102.7900, -20.4060

Square

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



147.4290, 37.7360, -12.0880



132.0540, -53.9590, -29.8230



140.8780, -57.9540, 4.0460



152.8670, 38.0040, 27.1240

Rectangle

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



147.4290, 37.7360, -12.0880



141.4280, -5.2220, -26.5180



140.8780, -57.9540, 4.0460



152.7180, 1.8750, 26.6030

Sweetspot

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



147.4290, 37.7360, -12.0880



218.1510, 15.4520, -4.7080



115.8570, 43.9640, 29.2440



107.7960, 9.2620, -2.6580



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



147.4290, 37.7360, -12.0880



184.9350, 59.3780, -18.8460



161.4400, 20.8670, -31.2690



86.2130, 3.7140, -1.2300



105.0340, 63.4130, -20.3870



17.7530, 10.8210, -3.3790

Inverse Universe

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



113.5710, -37.7360, 12.0880



132.0650, -59.3780, 18.8460



99.5600, -20.8670, 31.2690



82.7870, -3.7140, 1.2300



47.9660, -63.4130, 20.3870



8.2470, -10.8210, 3.3790

Previews

White Background



This preview shows how the YIQ color 147.4290, 37.7360, -12.0880 looks on a white background.

Color Contrast Check

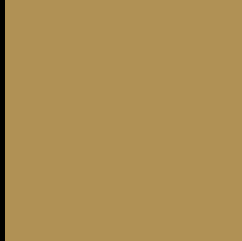
Large Text (above 18pt) WCAG AA × Fail

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 147.4290, 37.7360, -12.0880 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 147.4290, 37.7360, -12.0880

Background



This preview shows how black text looks on a background with the YIQ color 147.4290, 37.7360, -12.0880.



This preview shows how white text looks on a background with the YIQ color 147.4290, 37.7360, -12.0880.

-12.0880.

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

147.4290, 37.7360, -12.0880

Protanopia

146.4170, 28.8420, -16.1020

Deuteranopia

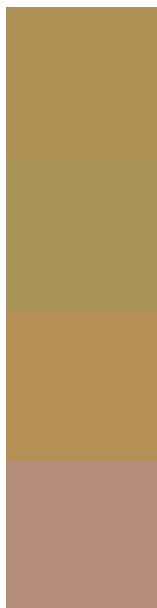
148.1630, 41.5410, -9.4590



Tritanopia

152.2960, 23.0140, 12.4380

Trichromacy



Original Color

147.4290, 37.7360, -12.0880

Protanomaly

146.9120, 31.8220, -15.0420

Deuteranomaly

148.1520, 40.0740, -10.4060

Tritanomaly

150.8370, 28.3800, 3.2920

Monochromacy



Original Color

147.4290, 37.7360, -12.0880

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.0800, 14.2140, -4.2980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.4290, 37.7360, -12.0880 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(176, 145, 85)` looks like.

```
.text, #text, p{  
    color:rgb(176, 145, 85)  
}
```

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(176, 145, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 145, 85) }
```

Border

The CSS property to change the border of an element to YIQ 147.4290, 37.7360, -12.0880 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(176, 145, 85) }
```


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

```
.border{ border-color:rgb(176, 145, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 145, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 145, 85); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 145, 85); box-shadow:4px 4px 4px 4px rgb(176, 145, 85) }
```

Background

The CSS property to change the background color of an element to YIQ 147.4290, 37.7360, -12.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 145, 85) }
```

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

```
.background{ background-color: rgb(176,  
145, 85) }
```

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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