

Converting Colors

YIQ(175.1650, 47.2270,
-13.3890)

Have a look what the booklet for
YIQ(175.1650, 47.2270, -13.3890)
contains.

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Color

**YIQ(175.1650, 47.2270,
-13.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AB64
RGB	212, 171, 100
RGB Percent	83%, 67%, 39%
CMY	0.1686, 0.3295, 0.6076
CMYK	0.00, 0.19, 0.53, 0.17
HSL	38°, 57%, 61%
HSV	38°, 53%, 83%
XYZ	44.0182, 44.0396, 18.2528
YIQ	175.1650, 47.2270, -13.3890

Conversions

Conversions Part 2

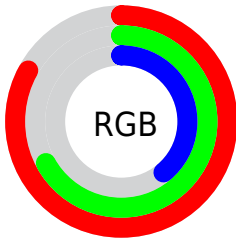
Format	Color
RYB	165, 212, 100
Decimal	13937508
CIELab	72.25, 6.43, 41.89
CIELCh	72, 42.378, 81.268
Yxy	44.0396, 0.4141, 0.4143
Android (android.graphics.Color)	4292127588 (0xFFD4AB64)
YUV	175.1650, -37.0563, 32.3043
Hunter-Lab	66.3623, 2.2650, 30.1461

Details

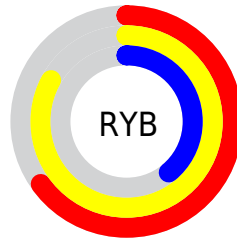
The YIQ color **175.1650, 47.2270, -13.3890** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **136.8350, -47.2270, 13.3890**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.2350, 41.0380, -16.8660**, and **122.0120, 43.2840, -13.5160** is the 20% darker color. If you saturate the color by 10%, you get **168.0750, 56.1680, -15.7360**, and if you desaturate by 10%, it is **182.2550, 38.2860, -11.0420**.

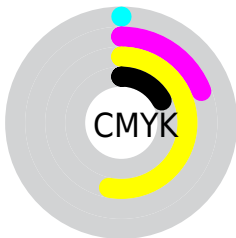
Distribution



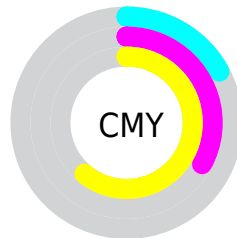
- Red (83%)
- Green (67%)
- Blue (39%)



- Red (65%)
- Yellow (83%)
- Blue (39%)



- Cyan (0%)
- Magenta (19%)
- Yellow (53%)
- Black (17%)





- Cyan (17%)
- Magenta (33%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.1650, 47.2270, -13.3890 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 175.1650, 47.2270, -13.3890 by changing the saturation by 10% instead.


 175.1650, 47.2270,
-13.3890

 175.1650, 47.2270,
-13.3890


255.0000, -0.0000,
-0.0000


 148.3820, 45.1180,
-13.7140


 226.2350, 41.0380,
-16.8660

 122.0120, 43.2840,
-13.5160


 246.4500, 24.0750,
-23.3250


 96.1150, 41.4960,
-14.1520

 249.5280, 15.4080,
-14.9280

 71.5770, 40.0750,
-15.9330

 252.8340, 6.0990,
-5.9090

 50.8890, 30.6290,
-9.9390

 30.7880, 20.9080,
-4.4680

 8.9370, 13.4790,

3.5190

■ 0.0000, 0.0000,
0.0000

■ 175.1650, 47.2270,
-13.3890

■ 175.1650, 47.2270,
-13.3890

■ 168.0750, 56.1680,
-15.7360

■ 182.2550, 38.2860,
-11.0420

■ 160.9850, 65.1090,
-18.0830

■ 189.3450, 29.3450,
-8.6950

■ 154.3680, 74.0960,
-21.2640

■ 195.9620, 20.3580,
-5.5140

■ 147.2780, 83.0370,
-23.6110

■ 203.0520, 11.4170,
-3.1670

■ 142.0460, 89.5020,
-25.1380

■ 210.1420, 2.4760,
-0.8200

■ 217.2320, -6.4650,
1.5270

■ 223.7350,
-15.1310, 4.3970

■ 229.2290,
-19.5780, 2.3900

■ 233.9250,
-21.7780, -1.7940

Harmonies

Analogous

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



177.3710, 61.9870, 5.4670



175.1650, 47.2270, -13.3890



171.1890, 20.3160, -26.7880

Triad

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



175.1650, 47.2270, -13.3890



138.8950, -119.6590, -39.5870



182.2080, 12.4190, 33.7550

Complementary

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



175.1650, 47.2270, -13.3890



136.8350, -47.2270, 13.3890

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.



177.7990, -29.2100, 22.7740



175.1650, 47.2270, -13.3890



140.3090, -129.1520, -27.2320

Square

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



175.1650, 47.2270, -13.3890



156.4610, -62.7150, -36.3390



165.5540, -74.5970, 2.8030



180.9050, 44.0090, 33.9370

Rectangle

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



175.1650, 47.2270, -13.3890



168.2230, -3.3870, -32.2430



165.5540, -74.5970, 2.8030



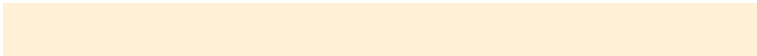
181.7980, -1.1060, 31.0700

Sweetspot

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



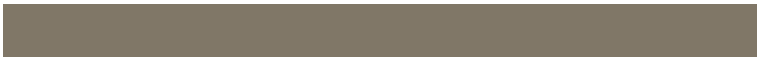
175.1650, 47.2270, -13.3890



241.5210, 17.2860, -4.9060



138.1620, 53.5910, 36.4950



119.8670, 10.5000, -3.0680



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.



175.1650, 47.2270, -13.3890



202.0130, 67.9060, -19.2140



194.7470, 27.0120, -38.0120



103.3980, 4.6310, -1.3290



114.5250, 72.2160, -20.2320



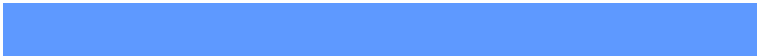
28.7060, 18.2030, -5.0050

Inverse Universe

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



136.8350, -47.2270, 13.3890



146.9870, -67.9060, 19.2140



117.2530, -27.0120, 38.0120



99.6020, -4.6310, 1.3290



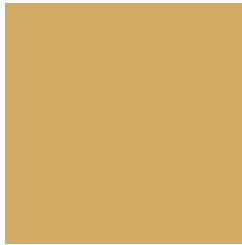
56.4750, -72.2160, 20.2320



14.2940, -18.2030, 5.0050

Previews

White Background



This preview shows how the YIQ color 175.1650, 47.2270, -13.3890 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 175.1650, 47.2270, -13.3890 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 175.1650, 47.2270, -13.3890

Background



This preview shows how black text looks on a background with the YIQ color 175.1650, 47.2270, -13.3890.



This preview shows how white text looks on a background with the YIQ color 175.1650, 47.2270, -13.3890.

-13.3890.

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

175.1650, 47.2270, -13.3890

Protanopia

173.8320, 34.8030, -19.5090

Deuteranopia

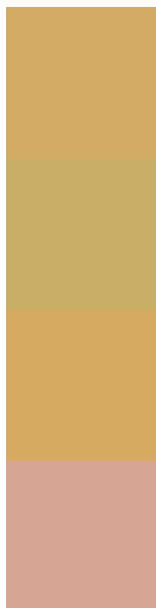
175.1870, 50.1610, -11.4950



Tritanopia

180.5250, 29.7990, 16.1270

Trichromacy



Original Color

175.1650, 47.2270, -13.3890

Protanomaly

174.3380, 39.2500, -17.5020

Deuteranomaly

175.4750, 49.2900, -12.2300

Tritanomaly

178.3110, 35.8530, 5.5250

Monochromacy



Original Color

175.1650, 47.2270, -13.3890

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.2220, 16.6900, -5.1180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.1650, 47.2270, -13.3890 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(212, 171, 100)` looks like.

```
.text, #text, p{  
    color:rgb(212, 171, 100)  
}
```

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(212, 171, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 171, 100) }
```

Border

The CSS property to change the border of an element to YIQ 175.1650, 47.2270, -13.3890 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(212, 171, 100) }
```


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

```
.border{ border-color:rgb(212, 171, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 171, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 171, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 171, 100);  
box-shadow:4px 4px 4px 4px rgb(212, 171,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 175.1650, 47.2270, -13.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 171, 100) }
```

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

```
.background{ background-color: rgb(212,  
171, 100) }
```

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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