

Converting Colors

YIQ(175.2120, 49.0130, -1.6990)

Have a look what the booklet for
YIQ(175.2120, 49.0130, -1.6990)
contains.

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Color

**YIQ(175.2120, 49.0130,
-1.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA376
RGB	221, 163, 118
RGB Percent	87%, 64%, 46%
CMY	0.1332, 0.3609, 0.5370
CMYK	0.00, 0.26, 0.47, 0.13
HSL	26°, 60%, 66%
HSV	26°, 47%, 87%
XYZ	46.1937, 42.8716, 22.9982
YIQ	175.2120, 49.0130, -1.6990

Conversions

Conversions Part 2

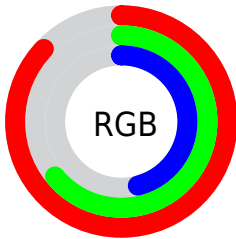
Format	Color
R_{YB}	221, 198, 118
Decimal	14525302
CIE Lab	71.47, 16.10, 31.70
CIE LCh	71, 35.552, 63.077
Yxy	42.8716, 0.4122, 0.3826
Android (android.graphics.Color)	4292715382 (0xFFDDA376)
YUV	175.2120, -28.2055, 40.1561
Hunter-Lab	65.4764, 11.3481, 25.0083

Details

The YIQ color **175.2120, 49.0130, -1.6990** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **163.7880, -49.0130, 1.6990**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.7050, 37.1390, -6.7730**, and **121.7600, 44.4740, -2.0380** is the 20% darker color. If you saturate the color by 10%, you get **165.6600, 59.3750, -2.2650**, and if you desaturate by 10%, it is **184.7640, 38.6510, -1.1330**.

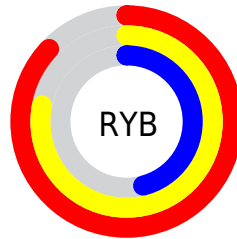
Distribution



Red (87%)

Green (64%)

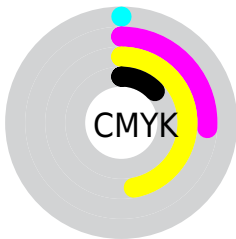
Blue (46%)



Red (87%)

Yellow (78%)

Blue (46%)

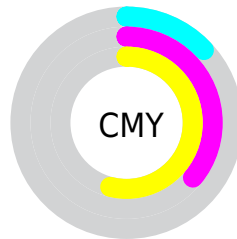


Cyan (0%)

Magenta (26%)

Yellow (47%)

Black (13%)



Cyan (13%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.2120, 49.0130, -1.6990 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 175.2120, 49.0130, -1.6990 by changing the saturation by 10% instead.

■ 175.2120, 49.0130,
-1.6990

■ 175.2120, 49.0130,
-1.6990

255.0000, -0.0000,
-0.0000

■ 148.4290, 46.9040,
-2.0240

■ 223.7050, 37.1390,
-6.7730

■ 122.0590, 45.0700,
-1.8260

■ 243.2190, 20.7720,
-13.0200

■ 96.9770, 42.3650,
-2.3630

■ 251.6940, 9.3090,
-9.0190

■ 71.8950, 39.6600,
-2.9000

■ 48.5850, 37.5970,
-4.0590

■ 28.4840, 27.8760,
1.4120

■ 9.8670, 19.6680,

6.9960

■ 0.0000, 0.0000,
0.0000

■ 175.2120, 49.0130,
-1.6990

■ 175.2120, 49.0130,
-1.6990

■ 165.6600, 59.3750,
-2.2650

■ 184.7640, 38.6510,
-1.1330

■ 155.5210, 70.0120,
-2.3080

■ 194.9030, 28.0140,
-1.0900

■ 145.9690, 80.3740,
-2.8740

■ 204.4550, 17.6520,
-0.5240

■ 135.8300, 91.0110,
-2.9170

■ 214.5940, 7.0150,
-0.4810

■ 126.2780,
101.3730, -3.4830

■ 224.2600, -3.6680,
0.3960

■ 122.4310,
105.3160, -3.3560

■ 234.3990,
-14.3050, 0.4390

■ 241.8990,
-18.8890, -4.5930

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



177.3350, 53.6410, 13.5530



175.2120, 49.0130, -1.6990



172.6840, 32.4640, -15.6640

Triad

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



175.2120, 49.0130, -1.6990



157.3890, -62.2120, -28.9320



177.6780, -9.8160, 23.7200

Complementary

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



175.2120, 49.0130, -1.6990



163.7880, -49.0130, 1.6990

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.



171.5100, -44.9340, 10.3780



175.2120, 49.0130, -1.6990



152.3880, -86.8340, -23.2340

Square

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



175.2120, 49.0130, -1.6990



164.2390, -26.6790, -28.6230



160.4470, -76.1540, -7.5300



179.8360, 22.0940, 29.1180

Rectangle

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



175.2120, 49.0130, -1.6990



170.3720, 15.5470, -22.9570



160.4470, -76.1540, -7.5300



176.2250, -21.7820, 20.3140

Sweetspot

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



175.2120, 49.0130, -1.6990



239.1560, 17.0560, -0.7360



155.4090, 42.7700, 39.8740



117.8610, 10.6370, -0.0430



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.



175.2120, 49.0130, -1.6990



191.1510, 68.1780, -2.1100



205.1490, 34.9880, -28.3720



104.6370, 5.4560, 0.2400



96.3390, 82.2080, -3.0720



25.4940, 21.9160, -0.7080

Inverse Universe

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



163.7880, -49.0130, 1.6990



175.8490, -68.1780, 2.1100



133.8510, -34.9880, 28.3720



103.7760, -5.1810, 0.2830



77.2480, -82.4830, 2.5490



20.5060, -21.9160, 0.7080

Previews

White Background



This preview shows how the YIQ color 175.2120, 49.0130, -1.6990 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 175.2120, 49.0130, -1.6990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

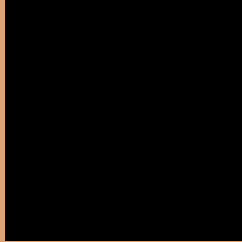
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.2120, 49.0130, -1.6990

Background



This preview shows how black text looks on a background with the YIQ color 175.2120, 49.0130, -1.6990.



This preview shows how white text looks on a background with the YIQ color 175.2120, 49.0130,

-1.6990.

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

175.2120, 49.0130, -1.6990

Protanopia

173.2580, 25.0360, -13.2040

Deuteranopia

174.7440, 41.4030, -6.9570



Tritanopia

178.2980, 37.8680, 18.5720

Trichromacy



Original Color

175.2120, 49.0130, -1.6990

Protanomaly

174.2700, 33.9300, -9.1900

Deuteranomaly

174.7660, 44.3370, -5.0630

Tritanomaly

177.4090, 41.6290, 10.9810

Monochromacy



Original Color

175.2120, 49.0130, -1.6990

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.3410, 17.9730, -0.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.2120, 49.0130, -1.6990 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(221, 163, 118)` looks like.

```
.text, #text, p{  
    color:rgb(221, 163, 118)  
}
```

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(221, 163, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 163, 118) }
```

Border

The CSS property to change the border of an element to YIQ 175.2120, 49.0130, -1.6990 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(221, 163, 118) }
```


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

```
.border{ border-color:rgb(221, 163, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 163, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 163, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 163, 118);  
box-shadow:4px 4px 4px 4px rgb(221, 163,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 175.2120, 49.0130, -1.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 163, 118) }
```

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

```
.background{ background-color: rgb(221,  
163, 118) }
```

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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