

Converting Colors

YIQ(174.9370, 30.6740, -5.2460)

Have a look what the booklet for
YIQ(174.9370, 30.6740, -5.2460)
contains.

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Color

**YIQ(174.9370, 30.6740,
-5.2460)**

Conversions

Conversions Part 1	
Format	Color
Hex	C9AA84
RGB	201, 170, 132
RGB Percent	79%, 67%, 52%
CMY	0.2117, 0.3334, 0.4822
CMYK	0.00, 0.15, 0.34, 0.21
HSL	33°, 39%, 65%
HSV	33°, 34%, 79%
XYZ	42.6306, 42.8308, 27.8639
YIQ	174.9370, 30.6740, -5.2460

Conversions

Conversions Part 2

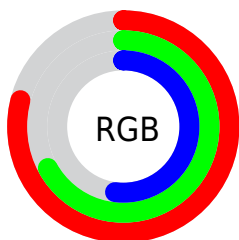
Format	Color
RYB	188, 201, 132
Decimal	13216388
CIELab	71.44, 5.84, 23.78
CIELCh	71, 24.488, 76.208
Yxy	42.8308, 0.3762, 0.3779
Android (android.graphics.Color)	4291406468 (0xFFC9AA84)
YUV	174.9370, -21.1679, 22.8573
Hunter-Lab	65.4452, 1.7445, 20.5684

Details

The YIQ color **174.9370, 30.6740, -5.2460** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **158.0630, -30.6740, 5.2460**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.4100, 30.7200, -6.0800**, and **122.2680, 28.2440, -5.2600** is the 20% darker color. If you saturate the color by 10%, you get **167.3740, 39.5690, -6.7590**, and if you desaturate by 10%, it is **182.5000, 21.7790, -3.7330**.

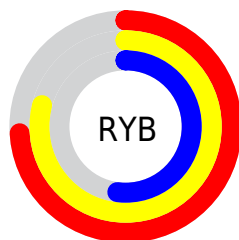
Distribution



Red (79%)

Green (67%)

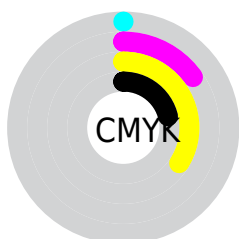
Blue (52%)



Red (74%)

Yellow (79%)

Blue (52%)

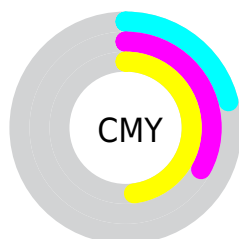


Cyan (0%)

Magenta (15%)

Yellow (34%)

Black (21%)



Cyan (21%)

Magenta (33%)


Yellow (48%)


Brightness & Saturation

Gradients

These gradients show how the YIQ color 174.9370, 30.6740, -5.2460 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 174.9370, 30.6740, -5.2460 by changing the saturation by 10% instead.


 174.9370, 30.6740,
-5.2460


 174.9370, 30.6740,
-5.2460


255.0000, -0.0000,
-0.0000


 148.4530, 29.1610,
-5.3590


 229.4100, 30.7200,
-6.0800


 122.2680, 28.2440,
-5.2600


 249.6250, 13.7570,
-12.5390

 96.8980, 26.4100,
-5.0620

 253.5180, 4.1730,
-4.0430

 73.4140, 24.8970,
-5.1750

 50.5170, 23.1090,
-5.8110

 29.3040, 19.3950,
-4.5810

 5.9800, 11.9200,

4.2400

0.0000, 0.0000,
0.0000

174.9370, 30.6740,
-5.2460

174.9370, 30.6740,
-5.2460

167.3740, 39.5690,
-6.7590

182.5000, 21.7790,
-3.7330

159.8110, 48.4640,
-8.2720

190.0630, 12.8840,
-2.2200

152.2480, 57.3590,
-9.7850

197.6260, 3.9890,
-0.7070


144.6850, 66.2540,
-11.2980


205.1890, -4.9060,
0.8060

137.1220, 75.1490,
-12.8110


212.8660,
-14.1220, 2.6300

 129.4450, 84.3650,
-14.6350

 220.4290,
-23.0170, 4.1430

 125.2560, 89.2710,
-15.4410

 225.9400,
-26.1340, 0.0580

 231.2230,
-28.6090, -4.6490

 236.5060,
-31.0840, -9.3560

Harmonies

Analogous

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



176.6810, 37.6870, 5.3270



174.9370, 30.6740, -5.2460



172.4680, 15.6370, -13.5710

Triad

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



174.9370, 30.6740, -5.2460



165.1620, -44.9750, -16.4230



178.0460, 3.5270, 18.6870

Complementary

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



174.9370, 30.6740, -5.2460



158.0630, -30.6740, 5.2460

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.



175.7380, -19.2130, 12.2990



174.9370, 30.6740, -5.2460



165.8660, -49.6530, -8.7330

Square

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



174.9370, 30.6740, -5.2460



167.0360, -27.1850, -19.4490



170.5780, -39.6140, 2.0660



178.8110, 23.2420, 19.3220

Rectangle

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



174.9370, 30.6740, -5.2460



171.1180, 1.8830, -17.6130



170.5780, -39.6140, 2.0660



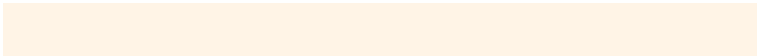
177.6860, -4.2670, 16.7650

Sweetspot

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



174.9370, 30.6740, -5.2460



245.6930, 11.0500, -2.0220



156.1650, 31.1730, 24.2690



122.0670, 7.0610, -1.3150



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.



174.9370, 30.6740, -5.2460



215.4410, 46.6300, -8.0740



192.2370, 20.3610, -22.0950



95.6260, 3.9890, -0.7070



101.5670, 72.3980, -12.5140



22.5040, 15.9560, -2.8280

Inverse Universe

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



158.0630, -30.6740, 5.2460



189.5590, -46.6300, 8.0740



140.7630, -20.3610, 22.0950



93.3740, -3.9890, 0.7070



61.4330, -72.3980, 12.5140



13.4960, -15.9560, 2.8280

Previews

White Background



This preview shows how the YIQ color 174.9370, 30.6740, -5.2460 looks on a white background.

Color Contrast Check

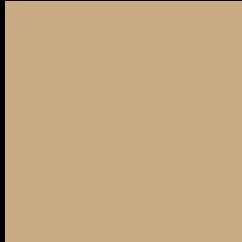
Large Text (above 18pt) WCAG AA × Fail

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 174.9370, 30.6740, -5.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

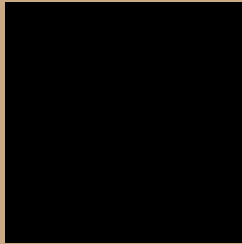
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.9370, 30.6740, -5.2460

Background



This preview shows how black text looks on a background with the YIQ color 174.9370, 30.6740, -5.2460.



This preview shows how white text looks on a background with the YIQ color 174.9370, 30.6740,

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

174.9370, 30.6740, -5.2460

Protanopia

173.9140, 20.3130, -10.2070

Deuteranopia

175.2580, 34.2040, -3.1400



Tritanopia

178.0400, 20.8590, 12.9470

Trichromacy



Original Color

174.9370, 30.6740, -5.2460

Protanomaly

174.1210, 24.1640, -8.4120

Deuteranomaly

175.2470, 32.7370, -4.0870

Tritanomaly

176.7920, 24.2530, 6.5010

Monochromacy



Original Color

174.9370, 30.6740, -5.2460

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.6930, 11.0500, -2.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.9370, 30.6740, -5.2460 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(201, 170, 132)` looks like.

```
.text, #text, p{  
    color:rgb(201, 170, 132)  
}
```

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(201, 170, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 170, 132) }
```

Border

The CSS property to change the border of an element to YIQ 174.9370, 30.6740, -5.2460 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(201, 170, 132) }
```

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

```
.border{ border-color:rgb(201, 170, 132) }
```

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

Here you see how a box with a 4 pixel rgb(201, 170, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 170, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 170, 132);  
box-shadow:4px 4px 4px 4px rgb(201, 170,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 174.9370, 30.6740, -5.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 170, 132) }
```

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

```
.background{ background-color: rgb(201,  
170, 132) }
```

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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