

Converting Colors

YIQ(147.0700, 72.9000, 0.4200)

Have a look what the booklet for
YIQ(147.0700, 72.9000, 0.4200)
contains.

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Color

**YIQ(147.0700, 72.9000,
0.4200)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D97F43 |
| RGB | 217, 127, 67 |
| RGB Percent | 85%, 50%, 26% |
| CMY | 0.1488, 0.5021, 0.7369 |
| CMYK | 0.00, 0.42, 0.69, 0.15 |
| HSL | 24°, 66%, 56% |
| HSV | 24°, 69%, 85% |
| XYZ | 37.2288, 30.3338, 9.2165 |
| YIQ | 147.0700, 72.9000, 0.4200 |

Conversions

Conversions Part 2

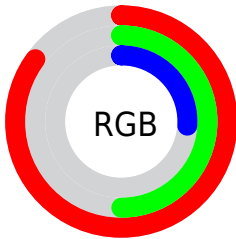
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 217, 167, 67 |
| Decimal | 14253891 |
| CIE Lab | 61.94, 29.88, 46.57 |
| CIE LCh | 62, 55.329, 57.313 |
| Yxy | 30.3338, 0.4849, 0.3951 |
| Android (android.graphics.Color) | 4292443971 (0xFFD97F43) |
| YUV | 147.0700, -39.4745, 61.3286 |
| Hunter-Lab | 55.0762, 24.2741, 28.6317 |

Details

The YIQ color **147.0700, 72.9000, 0.4200** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **136.9300, -72.9000, -0.4200**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.2430, 64.9230, -3.6930**, and **94.0800, 66.9400, -1.7000** is the 20% darker color. If you saturate the color by 10%, you get **136.9310, 83.5370, 0.3770**, and if you desaturate by 10%, it is **157.2090, 62.2630, 0.4630**.

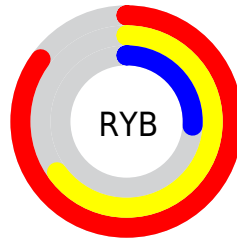
Distribution



Red (85%)

Green (50%)

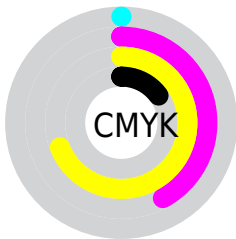
Blue (26%)



Red (85%)

Yellow (65%)

Blue (26%)

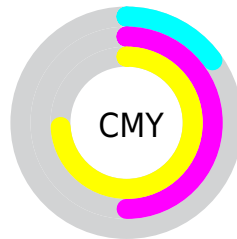


Cyan (0%)

Magenta (42%)

Yellow (69%)

Black (15%)



Cyan (15%)

Magenta (50%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.0700, 72.9000, 0.4200 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 147.0700, 72.9000, 0.4200 by changing the saturation by 10% instead.

147.0700, 72.9000,
0.4200

147.0700, 72.9000,
0.4200

255.0000, -0.0000,
-0.0000

120.1020, 69.8740,
0.1940

195.2430, 64.9230,
-3.6930

94.0800, 66.9400,
-1.7000

214.7570, 48.5560,
-9.9400

69.3830, 61.7130,
-0.5830

234.8580, 31.9140,
-16.7100

46.6240, 51.0290,
5.8210

248.5020, 18.2970,
-17.7270

23.5770, 41.2160,
12.9600

251.8080, 8.9880,
-8.7080

13.7540, 27.4160,
9.7520

0.0000, 0.0000,

0.0000

■ 147.0700, 72.9000,
0.4200

■ 147.0700, 72.9000,
0.4200

■ 136.9310, 83.5370,
0.3770

■ 157.2090, 62.2630,
0.4630

■ 126.9060, 93.8530,
0.6450

■ 167.2340, 51.9470,
0.1950

■ 116.7670,
104.4900, 0.6020

■ 177.3730, 41.3100,
0.2380

■ 115.9520,
105.4070, 0.5030

■ 187.5120, 30.6730,
0.2810

■ 197.6510, 20.0360,
0.3240

■ 207.6760, 9.7200,
0.0560

■ 217.8150, -0.9170,
0.0990

■ 227.9540,
-11.5540, 0.1420

■ 237.1810,
-19.6230, -2.3030

Harmonies

Analogous

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



148.0440, 76.9300, 26.5140



147.0700, 72.9000, 0.4200



144.6520, 52.6850, -24.2030

Triad

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



147.0700, 72.9000, 0.4200



117.8530, -93.4780, -46.0060



151.3680, -29.0740, 31.3260

Complementary

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



147.0700, 72.9000, 0.4200



136.9300, -72.9000, -0.4200

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.



119.8440, -122.5080, -4.4600



147.0700, 72.9000, 0.4200



123.5530, -109.5280, -30.4560

Square

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



147.0700, 72.9000, 0.4200



129.3540, -37.9090, -45.3730



124.9500, -120.3510, -16.0230



153.7030, 24.5670, 44.8790

Rectangle

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



147.0700, 72.9000, 0.4200



141.5950, 30.4960, -35.0720



124.9500, -120.3510, -16.0230



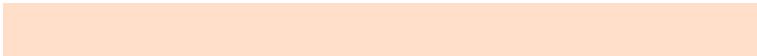
147.0170, -50.2550, 24.2170

Sweetspot

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



147.0700, 72.9000, 0.4200



230.0600, 26.1340, -0.0580



122.4520, 59.5470, 60.7230



112.6120, 15.7720, 0.5080



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.



147.0700, 72.9000, 0.4200



156.2830, 102.9770, 0.4890



189.9210, 52.8250, -37.7590



104.6370, 5.4560, 0.2400



92.2300, 84.1330, 0.5890



24.3200, 22.4660, 0.3380

Inverse Universe

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



136.9300, -72.9000, -0.4200



141.7170, -102.9770, -0.4890



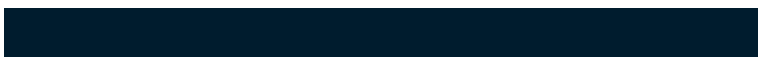
94.6660, -53.1000, 37.2360



103.7760, -5.1810, 0.2830



80.7700, -84.1330, -0.5890



21.6800, -22.4660, -0.3380

Previews

White Background



This preview shows how the YIQ color 147.0700, 72.9000, 0.4200 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 147.0700, 72.9000, 0.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

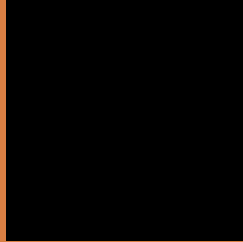
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 147.0700, 72.9000, 0.4200

Background



This preview shows how black text looks on a background with the YIQ color 147.0700, 72.9000, 0.4200.



This preview shows how white text looks on a background with the YIQ color 147.0700, 72.9000,

0.4200.

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

147.0700, 72.9000, 0.4200

Protanopia

146.1200, 33.9320, -20.2440

Deuteranopia

146.7370, 51.3080, -15.7640



Tritanopia

151.2250, 57.3070, 24.2110

Trichromacy



Original Color

147.0700, 72.9000, 0.4200

Protanomaly

146.7630, 48.4190, -12.9650

Deuteranomaly

146.6180, 59.1930, -9.9830

Tritanomaly

150.0650, 63.2690, 15.2770

Monochromacy



Original Color

147.0700, 72.9000, 0.4200

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.0600, 26.1340, -0.0580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.0700, 72.9000, 0.4200 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(217, 127, 67)` looks like.

```
.text, #text, p{  
    color:rgb(217, 127, 67)  
}
```

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(217, 127, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 127, 67) }
```

Border

The CSS property to change the border of an element to YIQ 147.0700, 72.9000, 0.4200 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(217, 127, 67) }
```


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

```
.border{ border-color:rgb(217, 127, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 127, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 127, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 127, 67);  
box-shadow:4px 4px 4px 4px rgb(217, 127,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 147.0700, 72.9000, 0.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 127, 67) }
```

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

```
.background{ background-color: rgb(217,  
127, 67) }
```

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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