

Converting Colors

YIQ(147.9390, 70.7500,
-26.7060)

Have a look what the booklet for
YIQ(147.9390, 70.7500, -26.7060)
contains.

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Color

**YIQ(147.9390, 70.7500,
-26.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	C79218
RGB	199, 146, 24
RGB Percent	78%, 57%, 9%
CMY	0.2196, 0.4275, 0.9055
CMYK	0.00, 0.27, 0.88, 0.22
HSL	42°, 78%, 44%
HSV	42°, 88%, 78%
XYZ	33.9979, 32.7610, 5.4010
YIQ	147.9390, 70.7500, -26.7060

Conversions

Conversions Part 2

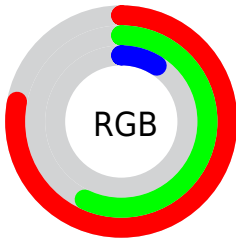
Format	Color
RYB	100, 199, 24
Decimal	13079064
CIELab	63.97, 10.24, 64.39
CIELCh	64, 65.198, 80.961
Yxy	32.7610, 0.4711, 0.4540
Android (android.graphics.Color)	4291269144 (0xFFC79218)
YUV	147.9390, -61.1019, 44.7805
Hunter-Lab	57.2372, 5.8605, 34.4714

Details

The YIQ color $147.9390, 70.7500, -26.7060$ is a dark color, and the websafe version is hex $CC9900$. The color can be described as dark washed orange. A complement of this color would be $75.0610, -70.7500, 26.7060$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $203.1070, 70.3370, -24.7270$, and $98.2120, 57.0400, -20.5280$ is the 20% darker color. If you saturate the color by 10%, you get $142.1370, 78.8200, -29.7880$, and if you desaturate by 10%, it is $153.7410, 62.6800, -23.6240$.

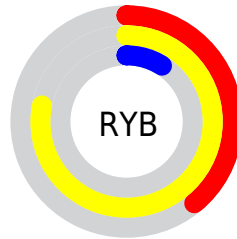
Distribution



Red (78%)

Green (57%)

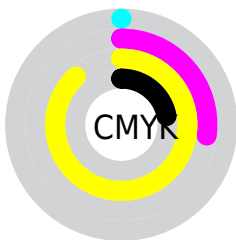
Blue (9%)



Red (39%)

Yellow (78%)

Blue (9%)

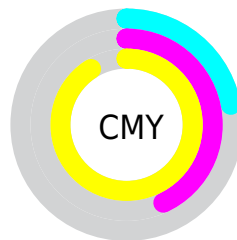


Cyan (0%)

Magenta (27%)

Yellow (88%)

Black (22%)



Cyan (22%)

Magenta (43%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.9390, 70.7500, -26.7060 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 147.9390, 70.7500, -26.7060 by changing the saturation by 10% instead.

■ 147.9390, 70.7500,
-26.7060

■ 147.9390, 70.7500,
-26.7060

■ 255.0000, -0.0000,
-0.0000

■ 120.9710, 67.7240,
-26.9320

■ 203.1070, 70.3370,
-24.7270

■ 98.2120, 57.0400,
-20.5280

■ 222.6210, 53.9700,
-30.9740

■ 75.4530, 46.3560,
-14.1240

■ 241.6620, 37.5570,
-36.3870

■ 54.1670, 35.7180,
-8.5540

■ 244.7400, 28.8900,
-27.9900

■ 34.0660, 25.9970,
-3.0830

■ 247.9320, 19.9020,
-19.2820

■ 13.3890, 18.0180,
3.8580

■ 251.2380, 10.5930,

■ 0.0000, 0.0000,

-10.2630

0.0000

254.6580, 0.9630,
-0.9330

■ 147.9390, 70.7500,
-26.7060

■ 147.9390, 70.7500,
-26.7060

■ 142.1370, 78.8200,
-29.7880

■ 153.7410, 62.6800,
-23.6240

■ 141.0940, 80.3790,
-30.5090

■ 159.5430, 54.6100,
-20.5420

■ 165.3450, 46.5400,
-17.4600

■ 171.1470, 38.4700,
-14.3780

■ 176.9490, 30.4000,
-11.2960

■ 182.7510, 22.3300,
-8.2140

■ 188.4390, 14.5810,
-5.4430

■ 194.2410, 6.5110,
-2.3610

■ 200.0430, -1.5590,
0.7210

Harmonies

Analogous

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



150.4850, 88.0290, 7.0770



147.9390, 70.7500, -26.7060



143.0430, 31.6900, -45.7020

Triad

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



147.9390, 70.7500, -26.7060



129.0640, -112.6450, -34.5410



159.3250, 17.1840, 52.0320

Complementary

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



147.9390, 70.7500, -26.7060



75.0610, -70.7500, 26.7060

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.



151.5380, -50.1640, 28.0760



147.9390, 70.7500, -26.7060



132.3020, -127.2740, -17.2100

Square

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



147.9390, 70.7500, -26.7060



121.6370, -93.1100, -52.6780



127.0990, -127.7800, -8.0360



153.6990, 65.9210, 55.3370

Rectangle

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



147.9390, 70.7500, -26.7060



138.2910, -7.2350, -50.6190



127.0990, -127.7800, -8.0360



159.3270, -3.4930, 46.8030

Sweetspot

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



147.9390, 70.7500, -26.7060



235.7360, 26.6860, -10.0660



82.5950, 86.6450, 54.2050



116.3960, 16.1400, -6.1640



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.



147.9390, 70.7500, -26.7060



180.7310, 103.0300, -39.0340



169.4820, 37.1030, -61.2090



96.2130, 3.7140, -1.2300



115.6550, 65.7980, -25.0660



25.4390, 14.5810, -5.4430

Inverse Universe

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



75.0610, -70.7500, 26.7060



74.2690, -103.0300, 39.0340



53.5180, -37.1030, 61.2090



92.7870, -3.7140, 1.2300



47.3450, -65.7980, 25.0660



10.5610, -14.5810, 5.4430

Previews

White Background



This preview shows how the YIQ color 147.9390, 70.7500, -26.7060 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 147.9390, 70.7500, -26.7060 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 147.9390, 70.7500, -26.7060

Background



This preview shows how black text looks on a background with the YIQ color 147.9390, 70.7500, -26.7060.



This preview shows how white text looks on a background with the YIQ color 147.9390, 70.7500, -26.7060.

-26.7060.

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

147.9390, 70.7500, -26.7060

Protanopia

146.9750, 52.7330, -36.0910

Deuteranopia

147.5150, 69.0080, -28.1760



Tritanopia

158.0700, 38.5100, 17.9500

Trichromacy



Original Color

147.9390, 70.7500, -26.7060

Protanomaly

147.2040, 59.5180, -32.4020

Deuteranomaly

147.8140, 69.6040, -27.9640

Tritanomaly

154.5050, 49.7460, 1.5380

Monochromacy



Original Color

147.9390, 70.7500, -26.7060

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.9640, 26.0440, -9.4440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.9390, 70.7500, -26.7060 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(199, 146, 24)` looks like.

```
.text, #text, p{  
    color:rgb(199, 146, 24)  
}
```

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(199, 146, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 146, 24) }
```

Border

The CSS property to change the border of an element to YIQ 147.9390, 70.7500, -26.7060 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(199, 146, 24) }
```


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

```
.border{ border-color:rgb(199, 146, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 146, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 146, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 146, 24);  
box-shadow:4px 4px 4px 4px rgb(199, 146,  
24) }
```

Background

The CSS property to change the background color of an element to YIQ 147.9390, 70.7500, -26.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 146, 24) }
```

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

```
.background{ background-color: rgb(199,  
146, 24) }
```

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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