

Converting Colors

YIQ(120.0200, 30.4970,
-40.5990)

Have a look what the booklet for
YIQ(120.0200, 30.4970, -40.5990)
contains.

YIQ(120.0200, 30.4970, -40.5990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(120.0200, 30.4970,
-40.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8A11
RGB	124, 138, 17
RGB Percent	49%, 54%, 7%
CMY	0.5138, 0.4588, 0.9331
CMYK	0.10, 0.00, 0.88, 0.46
HSL	67°, 78%, 30%
HSV	67°, 88%, 54%
XYZ	17.4991, 22.5022, 3.9536
YIQ	120.0200, 30.4970, -40.5990

Conversions

Conversions Part 2

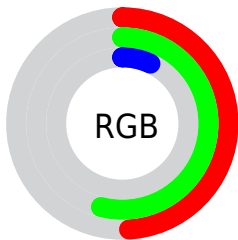
Format	Color
RYB	17, 138, 31
Decimal	8161809
CIELab	54.56, -19.68, 55.42
CIELCh	55, 58.810, 109.547
Yxy	22.5022, 0.3981, 0.5119
Android (android.graphics.Color)	4286351889 (0xFF7C8A11)
YUV	120.0200, -50.7889, 3.4905
Hunter-Lab	47.4365, -17.1662, 28.2640

Details

The YIQ color **120.0200, 30.4970, -40.5990** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **34.9800, -30.4970, 40.5990**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.6010, 30.3590, -38.0970**, and **72.8850, 18.1160, -30.9720** is the 20% darker color. If you saturate the color by 10%, you get **117.8260, 33.7990, -45.3770**, and if you desaturate by 10%, it is **122.2140, 27.1950, -35.8210**.

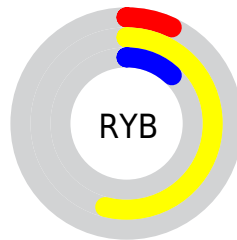
Distribution



Red (49%)

Green (54%)

Blue (7%)



Red (7%)

Yellow (54%)

Blue (12%)

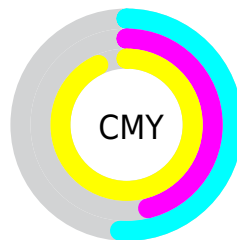


Cyan (10%)

Magenta (0%)

Yellow (88%)

Black (46%)



Cyan (51%)

Magenta (46%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.0200, 30.4970, -40.5990 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 120.0200, 30.4970, -40.5990 by changing the saturation by 10% instead.

■ 120.0200, 30.4970,
-40.5990

■ 120.0200, 30.4970,
-40.5990

■ 255.0000, -0.0000,
-0.0000

■ 95.3340, 26.7370,
-38.5350

■ 174.6010, 30.3590,
-38.0970

■ 72.8850, 18.1160,
-30.9720

■ 202.3730, 31.0010,
-38.7190

■ 51.6100, 8.9450,
-24.4550

■ 231.4440, 32.2390,
-39.1290

■ 30.9220, -0.5010,
-18.4610

■ 243.7140, 31.7790,
-30.7890

■ 14.6750, -6.8750,
-13.0750

■ 246.9060, 22.7910,
-22.0810

■ 0.0000, 0.0000,
0.0000

■ 250.2120, 13.4820,

-13.0620

■ 253.4040, 4.4940,
-4.3540

■ 120.0200, 30.4970,
-40.5990

■ 120.0200, 30.4970,
-40.5990

■ 117.8260, 33.7990,
-45.3770

■ 122.2140, 27.1950,
-35.8210

■ 117.4840, 34.7620,
-46.3100

■ 124.1090, 23.2970,
-31.2550

■ 126.1890, 20.3160,
-26.7880

■ 128.0840, 16.4180,
-22.2220

■ 130.2780, 13.1160,
-17.4440

■ 132.4720, 9.8140,
-12.6660

■ 134.3670, 5.9160,
-8.1000

■ 136.4470, 2.9350,
-3.6330

■ 138.3420, -0.9630,
0.9330

Harmonies

Analogous

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



124.4530, 63.5510, -22.8890



120.0200, 30.4970, -40.5990



111.6560, -24.2000, -46.0240

Triad

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



120.0200, 30.4970, -40.5990



112.2350, -107.9720, -14.5960



129.6220, 55.6520, 48.7080

Complementary

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



120.0200, 30.4970, -40.5990



34.9800, -30.4970, 40.5990

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.



134.3580, 12.4170, 44.8090



120.0200, 30.4970, -40.5990



109.6880, -113.2010, -2.4250

Square

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



120.0200, 30.4970, -40.5990



108.9800, -94.6730, -29.8490



127.6580, -50.6220, 25.3620



126.4990, 77.3870, 34.7550

Rectangle

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



120.0200, 30.4970, -40.5990



99.8260, -71.6530, -50.5730



127.6580, -50.6220, 25.3620



131.6900, 43.7770, 49.1610

Sweetspot

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



120.0200, 30.4970, -40.5990



171.8480, 11.5110, -15.8890



60.2230, 68.8160, 19.3760



85.0250, 6.8790, -9.0330



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



120.0200, 30.4970, -40.5990



152.3150, 44.9430, -60.1210



102.3790, -4.6670, -53.1070



67.9030, 1.6510, -2.3890



113.0540, 33.1570, -44.7550



4.4300, 1.6050, -1.5550

Inverse Universe

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



34.9800, -30.4970, 40.5990



26.6850, -44.9430, 60.1210



52.6210, 4.6670, 53.1070



63.0970, -1.6510, 2.3890



19.6470, -33.7530, 44.5430



0.8690, -1.0090, 1.7670

Previews

White Background



This preview shows how the YIQ color 120.0200, 30.4970, -40.5990 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 120.0200, 30.4970, -40.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

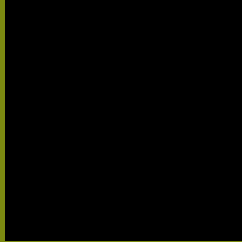
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.0200, 30.4970, -40.5990

Background



This preview shows how black text looks on a background with the YIQ color 120.0200, 30.4970, -40.5990.



This preview shows how white text looks on a background with the YIQ color 120.0200, 30.4970,

-40.5990.

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

120.0200, 30.4970, -40.5990

Protanopia

122.5600, 46.7720, -32.6840

Deuteranopia

125.0160, 54.6560, -21.3760



Tritanopia

130.9340, 0.3660, 4.3820

Trichromacy



Original Color

120.0200, 30.4970, -40.5990

Protanomaly

122.0430, 40.8580, -35.6380

Deuteranomaly

123.0100, 45.6250, -28.4150

Tritanomaly

127.0700, 11.0060, -12.2420

Monochromacy



Original Color

120.0200, 30.4970, -40.5990

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1900, 10.5480, -14.9560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.0200, 30.4970, -40.5990 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(124, 138, 17)` looks like.

```
.text, #text, p{  
    color:rgb(124, 138, 17)  
}
```

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(124, 138, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 138, 17) }
```

Border

The CSS property to change the border of an element to YIQ 120.0200, 30.4970, -40.5990 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(124, 138, 17) }
```


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

```
.border{ border-color:rgb(124, 138, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 138, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 138, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 138, 17);  
box-shadow:4px 4px 4px 4px rgb(124, 138,  
17) }
```

Background

The CSS property to change the background color of an element to YIQ 120.0200, 30.4970, -40.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 138, 17) }
```

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

```
.background{ background-color: rgb(124,  
138, 17) }
```

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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