

Converting Colors

YIQ(30.4120, -16.3200,
-12.6080)

Have a look what the booklet for
YIQ(30.4120, -16.3200, -12.6080)
contains.

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Color

**YIQ(30.4120, -16.3200,
-12.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	072B1B
RGB	7, 43, 27
RGB Percent	3%, 17%, 11%
CMY	0.9726, 0.8313, 0.8942
CMYK	0.84, 0.00, 0.37, 0.83
HSL	153°, 72%, 10%
HSV	153°, 84%, 17%
XYZ	1.1494, 1.8529, 1.3332
YIQ	30.4120, -16.3200, -12.6080

Conversions

Conversions Part 2

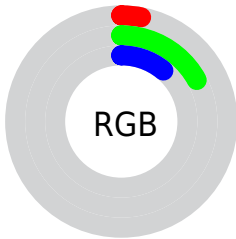
Format	Color
R_YB	7, 30, 43
Decimal	469787
CIE Lab	14.70, -17.54, 6.83
CIE LCh	15, 18.824, 158.736
Yxy	1.8529, 0.2651, 0.4274
Android (android.graphics.Color)	4278659867 (0xFF072B1B)
YUV	30.4120, -1.6821, -20.5323
Hunter-Lab	13.6123, -8.7489, 3.7218

Details

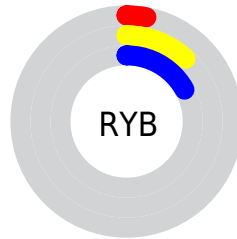
The YIQ color **30.4120, -16.3200, -12.6080** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19.5880, 16.3200, 12.6080**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **76.0700, -15.3570, -13.5410**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.9880, -18.0620, -14.0780**, and if you desaturate by 10%, it is **31.8360, -14.5780, -11.1380**.

Distribution



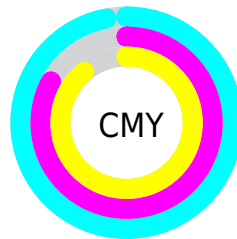
- Red (3%)
- Green (17%)
- Blue (11%)



- Red (3%)
- Yellow (12%)
- Blue (17%)



- Cyan (84%)
- Magenta (0%)
- Yellow (37%)
- Black (83%)



- Cyan (97%)
- Magenta (83%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.4120, -16.3200, -12.6080 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 30.4120, -16.3200, -12.6080 by changing the saturation by 10% instead.

■ 30.4120, -16.3200,
-12.6080

■ 30.4120, -16.3200,
-12.6080

■ 249.6180,
-10.7280, -3.8160

■ 14.0880, -6.6000,
-12.5520

■ 76.0700, -15.3570,
-13.5410

■ 0.0000, 0.0000,
0.0000

■ 100.6570,
-15.6320, -14.0640


■ 125.6570,
-15.6320, -14.0640


■ 151.8310,
-16.1820, -15.1100


■ 178.8310,
-16.1820, -15.1100


■ 206.4180,


-16.4570, -15.6330


 234.1190,
-17.0530, -15.8450


 30.4120, -16.3200,
-12.6080


 30.4120, -16.3200,
-12.6080


 28.9880, -18.0620,
-14.0780


 31.8360, -14.5780,
-11.1380

 27.9770, -19.5290,
-15.0250

 33.5590, -12.2400,
-9.4560

 34.9830, -10.4980,
-7.9860

 36.4070, -8.7560,
-6.5160

 37.8310, -7.0140,
-5.0460

■ 39.4400, -4.3550,
-3.6750

■ 40.8640, -2.6130,
-2.2050

■ 42.2880, -0.8710,
-0.7350

■ 44.0110, 1.4670,
0.9470

Harmonies

Analogous

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



33.8500, 0.0020, -11.0540



30.4120, -16.3200, -12.6080



30.5020, -25.2610, -10.2610

Triad

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



30.4120, -16.3200, -12.6080



35.1800, -17.8820, 4.6940



36.7700, 21.3190, 4.6070

Complementary

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



30.4120, -16.3200, -12.6080



19.5880, 16.3200, 12.6080

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.



37.6760, 18.8880, 10.1200



30.4120, -16.3200, -12.6080



38.2530, -1.7900, 10.4180

Square

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



30.4120, -16.3200, -12.6080



31.0210, -30.8560, -2.4720



37.9510, 10.8640, 12.3680



36.3580, 19.3030, -2.9130

Rectangle

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



30.4120, -16.3200, -12.6080



30.8270, -27.5540, -7.2500



37.9510, 10.8640, 12.3680



36.9380, 20.9060, 6.5860

Sweetspot

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



30.4120, -16.3200, -12.6080



51.1300, -6.4180, -4.8340



32.9160, -0.3640, -15.4360



25.1520, -3.4840, -2.9400



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



30.4120, -16.3200, -12.6080



36.4060, -25.3510, -19.6470



31.0620, -20.9060, -6.5860



19.2880, -0.8710, -0.7350



54.6660, -38.1870, -29.3150



137.8960, -96.1780, -74.1780

Inverse Universe

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



19.5880, 16.3200, 12.6080



19.5940, 25.3510, 19.6470



18.9380, 20.9060, 6.5860



18.7120, 0.8710, 0.7350



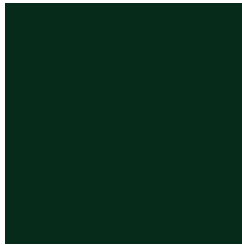
29.3340, 38.1870, 29.3150



74.1040, 96.1780, 74.1780

Previews

White Background



This preview shows how the YIQ color 30.4120, -16.3200, -12.6080 looks on a white background.

Color Contrast Check

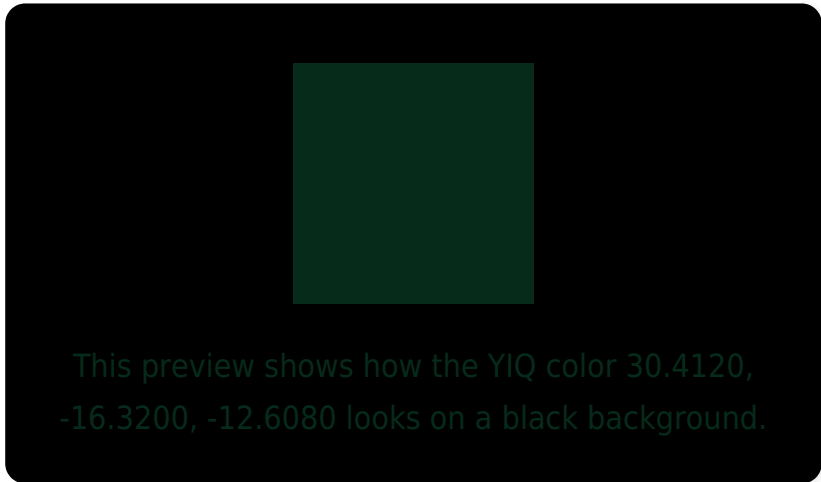
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YIQ 30.4120, -16.3200, -12.6080

Background



This preview shows how black text looks on a background with the YIQ color 30.4120, -16.3200, -12.6080.



This preview shows how white text looks on a background with the YIQ color 30.4120, -16.3200,

-12.6080.

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

30.4120, -16.3200, -12.6080

Protanopia

36.8280, 6.2360, -2.8840

Deuteranopia

37.5940, 7.0150, -0.4810



Tritanopia

34.1660, -15.2670, -4.1550

Trichromacy



Original Color

30.4120, -16.3200, -12.6080

Protanomaly

34.5280, -1.7870, -6.1630

Deuteranomaly

35.3540, -1.2370, -5.1170

Tritanomaly

32.8730, -16.0000, -7.3920

Monochromacy



Original Color

30.4120, -16.3200, -12.6080

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

30.4290, -5.8220, -4.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.4120, -16.3200, -12.6080 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(7, 43, 27)` looks like.

```
.text, #text, p{  
    color:rgb(7, 43, 27)  
}
```

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(7, 43, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 43, 27) }
```

Border

The CSS property to change the border of an element to YIQ 30.4120, -16.3200, -12.6080 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(7, 43, 27) }
```


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

```
.border{ border-color:rgb(7, 43, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 43, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 43, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 43, 27); box-shadow:4px  
4px 4px 4px rgb(7, 43, 27) }
```

Background

The CSS property to change the background color of an element to YIQ 30.4120, -16.3200, -12.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 43, 27) }
```

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

```
.background{ background-color: rgb(7, 43,  
27) }
```

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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