

Converting Colors

YIQ(47.0220, -15.4020,
-18.2340)

Have a look what the booklet for
YIQ(47.0220, -15.4020, -18.2340)
contains.

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Color

**YIQ(47.0220, -15.4020,
-18.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	153F21
RGB	21, 63, 33
RGB Percent	8%, 25%, 13%
CMY	0.9178, 0.7529, 0.8706
CMYK	0.67, 0.00, 0.48, 0.75
HSL	137°, 50%, 16%
HSV	137°, 67%, 25%
XYZ	2.3615, 3.8258, 2.0521
YIQ	47.0220, -15.4020, -18.2340

Conversions

Conversions Part 2

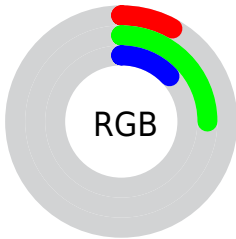
Format	Color
R_YB	21, 54, 63
Decimal	1392417
CIE _{Lab}	23.09, -22.58, 14.17
CIE _{LCh}	23, 26.656, 147.895
Yxy	3.8258, 0.2866, 0.4643
Android (android.graphics.Color)	4279582497 (0xFF153F21)
YUV	47.0220, -6.9128, -22.8213
Hunter-Lab	19.5597, -12.6788, 7.4713

Details

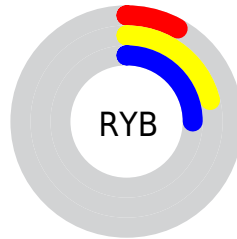
The YIQ color **47.0220, -15.4020, -18.2340** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **36.9780, 15.4020, 18.2340**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6800, -14.4390, -19.1670**, and **11.1530, -5.2250, -9.9370** is the 20% darker color. If you saturate the color by 10%, you get **44.6580, -17.3730, -21.0610**, and if you desaturate by 10%, it is **49.2720, -13.1100, -15.7180**.

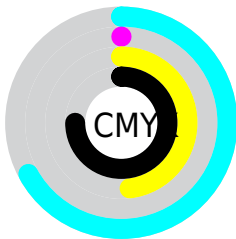
Distribution



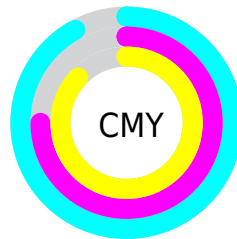
- Red (8%)
- Green (25%)
- Blue (13%)



- Red (8%)
- Yellow (21%)
- Blue (25%)



- Cyan (67%)
- Magenta (0%)
- Yellow (48%)
- Black (75%)



- Cyan (92%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.0220, -15.4020, -18.2340 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 47.0220, -15.4020, -18.2340 by changing the saturation by 10% instead.

■ 47.0220, -15.4020,
-18.2340

■ 47.0220, -15.4020,
-18.2340

■ 255.0000, -0.0000,
-0.0000

■ 25.3210, -14.8060,
-18.0220

■ 94.6800, -14.4390,
-19.1670

■ 11.1530, -5.2250,
-9.9370

■ 119.8540,
-14.9890, -20.2130

■ 0.0000, 0.0000,
0.0000

■ 145.7400,
-14.6680, -20.5240

■ 172.3270,
-14.9430, -21.0470

■ 199.9140,
-15.2180, -21.5700

■ 228.3870,

-15.1720, -22.4040

■ 244.6470, -9.6720,
-11.9440

■ 47.0220, -15.4020,
-18.2340

■ 47.0220, -15.4020,
-18.2340

■ 44.6580, -17.3730,
-21.0610

■ 49.2720, -13.1100,
-15.7180

■ 42.1090, -20.2610,
-23.7890

■ 51.9350, -10.5430,
-12.6790

■ 39.7450, -22.2320,
-26.6160

■ 54.1850, -8.2510,
-10.1630

■ 39.0330, -23.1030,
-27.3510

■ 56.5490, -6.2800,
-7.3360

■ 58.7990, -3.9880,
-4.8200

■ 61.4620, -1.4210,
-1.7810

■ 63.7120, 0.8710,
0.7350

■ 66.0760, 2.8420,
3.5620

■ 68.6250, 5.7300,
6.2900

Harmonies

Analogous

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



51.0370, 6.6050, -15.0830



47.0220, -15.4020, -18.2340



44.1970, -34.8880, -17.5120

Triad

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



47.0220, -15.4020, -18.2340



45.4740, -45.2530, -0.3650



54.4340, 31.3130, 10.7130

Complementary

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



47.0220, -15.4020, -18.2340



36.9780, 15.4020, 18.2340

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.



55.1270, 25.1680, 17.4560



47.0220, -15.4020, -18.2340



55.4570, -11.0520, 13.0760

Square

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



47.0220, -15.4020, -18.2340



46.4260, -45.2980, -5.0580



56.6400, 10.5420, 18.2060



53.9140, 29.4810, -0.1430

Rectangle

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



47.0220, -15.4020, -18.2340



45.7930, -39.3820, -13.1580



56.6400, 10.5420, 18.2060



54.8300, 30.2580, 13.3140

Sweetspot

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



47.0220, -15.4020, -18.2340



75.5490, -6.2800, -7.3360



54.6240, 6.3300, -15.6060



37.2120, -3.7130, -4.2970



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



47.0220, -15.4020, -18.2340



56.9080, -24.2490, -28.6090



49.4160, -22.1430, -11.7030



29.7610, -0.8250, -1.5690



58.2560, -34.5170, -40.7650



137.4960, -81.2730, -96.5130

Inverse Universe

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



36.9780, 15.4020, 18.2340



41.0920, 24.2490, 28.6090



34.5840, 22.1430, 11.7030



29.1250, 1.1460, 1.2580



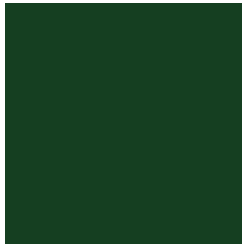
35.7440, 34.5170, 40.7650



84.3900, 81.5940, 96.2020

Previews

White Background



This preview shows how the YIQ color 47.0220, -15.4020, -18.2340 looks on a white background.

Color Contrast Check

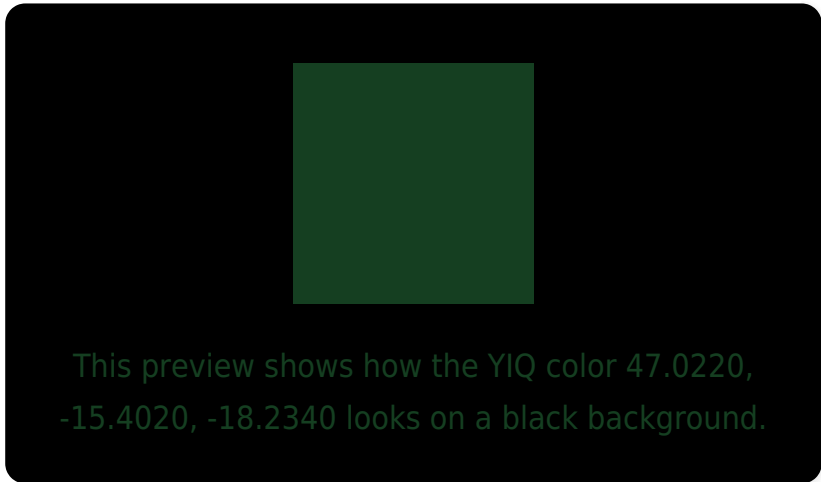
Large Text (above 18pt) WCAG AA ✓ Pass

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

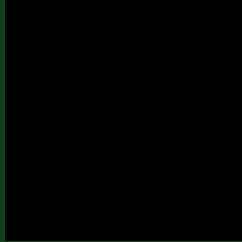
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.0220, -15.4020, -18.2340

Background



This preview shows how black text looks on a background with the YIQ color 47.0220, -15.4020, -18.2340.



This preview shows how white text looks on a background with the YIQ color 47.0220, -15.4020,

-18.2340.

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

47.0220, -15.4020, -18.2340

Protanopia

53.9440, 11.6010, -6.5030

Deuteranopia

54.9490, 13.2050, -2.5310



Tritanopia

51.7850, -18.5680, -4.9040

Trichromacy



Original Color

47.0220, -15.4020, -18.2340

Protanomaly

51.3340, 1.5150, -10.9410

Deuteranomaly

52.3990, 2.8900, -8.3260

Tritanomaly

49.9220, -17.6960, -9.6960

Monochromacy



Original Color

47.0220, -15.4020, -18.2340

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2610, -5.4090, -6.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.0220, -15.4020, -18.2340 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(21, 63, 33)` looks like.

```
.text, #text, p{  
    color:rgb(21, 63, 33)  
}
```

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(21, 63, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 63, 33) }
```

Border

The CSS property to change the border of an element to YIQ 47.0220, -15.4020, -18.2340 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(21, 63, 33) }
```


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

```
.border{ border-color:rgb(21, 63, 33) }
```

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

Here you see how a box with a 4 pixel rgb(21, 63, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 63, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 63, 33);  
box-shadow:4px 4px 4px 4px rgb(21, 63, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.0220, -15.4020, -18.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 63, 33) }
```

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

```
.background{ background-color: rgb(21, 63,  
33) }
```

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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