

Converting Colors

YIQ(101.5470, -21.1340,
-13.4700)

Have a look what the booklet for
YIQ(101.5470, -21.1340, -13.4700)
contains.

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Color

**YIQ(101.5470, -21.1340,
-13.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	497466
RGB	73, 116, 102
RGB Percent	29%, 45%, 40%
CMY	0.7138, 0.5450, 0.6001
CMYK	0.37, 0.00, 0.12, 0.55
HSL	160°, 23%, 37%
HSV	160°, 37%, 45%
XYZ	11.3903, 14.8692, 14.8352
YIQ	101.5470, -21.1340, -13.4700

Conversions

Conversions Part 2

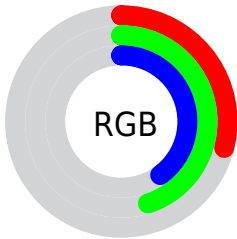
Format	Color
R_{YB}	73, 99, 116
Decimal	4813926
CIE _{Lab}	45.45, -18.38, 3.04
CIE _{LCh}	45, 18.630, 170.602
Yxy	14.8692, 0.2772, 0.3618
Android (android.graphics.Color)	4283004006 (0xFF497466)
YUV	101.5470, 0.2233, -25.0357
Hunter-Lab	38.5607, -14.7545, 4.1821

Details

The YIQ color **101.5470, -21.1340, -13.4700** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **87.4530, 21.1340, 13.4700**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.8350, -22.0050, -14.2050**, and **53.6610, -21.4550, -13.1590** is the 20% darker color. If you saturate the color by 10%, you get **97.5030, -27.0020, -17.2580**, and if you desaturate by 10%, it is **105.5910, -15.2660, -9.6820**.

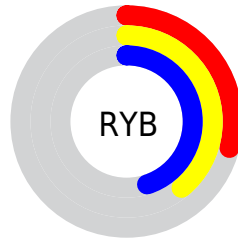
Distribution



 Red (29%)

 Green (45%)

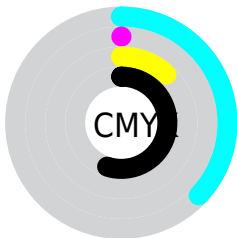
 Blue (40%)



 Red (29%)

 Yellow (39%)

 Blue (45%)

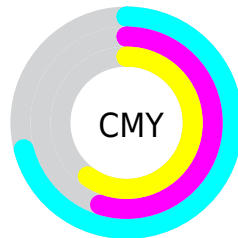


 Cyan (37%)

 Magenta (0%)

 Yellow (12%)

 Black (55%)



 Cyan (71%)

 Magenta (55%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.5470, -21.1340, -13.4700 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 101.5470, -21.1340, -13.4700 by changing the saturation by 10% instead.

■ 101.5470,
-21.1340, -13.4700

■ 101.5470,
-21.1340, -13.4700

■ 255.0000, -0.0000,
-0.0000

■ 76.9600, -20.8590,
-12.9470

■ 152.8350,
-22.0050, -14.2050

■ 53.6610, -21.4550,
-13.1590

■ 180.4220,
-22.2800, -14.7280

■ 30.2910, -23.2890,
-12.9610

■ 208.0090,
-22.5550, -15.2510

■ 16.6300, -11.0020,
-9.8660

■ 236.0090,
-22.5550, -15.2510

■ 0.0000, 0.0000,
0.0000

■ 248.4220,
-13.1120, -4.6640

■ 101.5470,
-21.1340, -13.4700

■ 101.5470,
-21.1340, -13.4700

■ 97.5030, -27.0020,
-17.2580

■ 105.5910,
-15.2660, -9.6820

■ 93.7580, -32.2740,
-20.8340

■ 109.3360, -9.9940,
-6.1060

■ 89.8280, -38.4630,
-24.3110

■ 113.2660, -3.8050,
-2.6290

■ 86.0830, -43.7350,
-27.8870

■ 117.0110, 1.4670,
0.9470

■ 82.0390, -49.6030,
-31.6750

■ 121.0550, 7.3350,
4.7350

■ 77.9950, -55.4710,
-35.4630

■ 125.0990, 13.2030,
8.5230

■ 76.9840, -56.9380,
-36.4100

■ 128.7300, 18.7960,
11.7880

■ 132.7740, 24.6640,

15.5760

■ 136.5190, 29.9360,
19.1520

Harmonies

Analogous

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



103.7460, -5.6370, -13.4850



101.5470, -21.1340, -13.4700



100.0820, -32.8260, -10.8260

Triad

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



101.5470, -21.1340, -13.4700



108.0500, -11.4640, 9.5280



108.6410, 25.9960, 2.4440

Complementary

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



101.5470, -21.1340, -13.4700



87.4530, 21.1340, 13.4700

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.



109.5580, 25.0320, 8.9040



101.5470, -21.1340, -13.4700



109.9550, 5.0410, 13.2730

Square

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



101.5470, -21.1340, -13.4700



105.4070, -25.9510, 2.2490



110.1860, 17.5120, 13.0320



107.1900, 19.7160, -4.8920

Rectangle

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



101.5470, -21.1340, -13.4700



100.5210, -35.4400, -7.5040



110.1860, 17.5120, 13.0320



109.1080, 26.1790, 4.6350

Sweetspot

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



101.5470, -21.1340, -13.4700



144.6460, -7.9310, -4.9470



102.4270, -3.4810, -19.5210



73.5540, -4.6760, -3.3640



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



101.5470, -21.1340, -13.4700



127.4590, -32.8700, -21.0460



99.0340, -23.7030, -5.4550



56.9780, -2.9340, -1.8940



80.9620, -59.8720, -38.3040



165.9020, -122.6780, -78.5020

Inverse Universe

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



87.4530, 21.1340, 13.4700



105.5410, 32.8700, 21.0460



89.9660, 23.7030, 5.4550



55.0220, 2.9340, 1.8940



41.0380, 59.8720, 38.3040



83.9840, 122.9990, 78.1910

Previews

White Background



This preview shows how the YIQ color 101.5470, -21.1340, -13.4700 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 × Fail

Black Background



This preview shows how the YIQ color 101.5470, -21.1340, -13.4700 looks on a black 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

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

YIQ 101.5470, -21.1340, -13.4700 Background



This preview shows how black text looks on a background with the YIQ color 101.5470, -21.1340, -13.4700.



This preview shows how white text looks on a background with the YIQ color 101.5470, -21.1340, -13.4700.

-13.4700.

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

101.5470, -21.1340, -13.4700

Protanopia

107.0560, 5.5940, -2.2620

Deuteranopia

108.3000, 8.0230, 3.2790



Tritanopia

103.5610, -23.7490, -4.6210

Trichromacy



Original Color

101.5470, -21.1340, -13.4700

Protanomaly

104.8590, -4.2170, -6.1770

Deuteranomaly

105.7500, -2.2920, -2.5160

Tritanomaly

102.7520, -22.9690, -7.7450

Monochromacy



Original Color

101.5470, -21.1340, -13.4700

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

101.6460, -7.9310, -4.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.5470, -21.1340, -13.4700 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(73, 116, 102)` looks like.

```
.text, #text, p{  
    color:rgb(73, 116, 102)  
}
```

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(73, 116, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 116, 102) }
```

Border

The CSS property to change the border of an element to YIQ 101.5470, -21.1340, -13.4700 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(73, 116, 102) }
```


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

```
.border{ border-color:rgb(73, 116, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 116, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 116, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 116, 102);  
box-shadow:4px 4px 4px 4px rgb(73, 116,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 101.5470, -21.1340, -13.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 116, 102) }
```

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

```
.background{ background-color: rgb(73, 116,  
102) }
```

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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