

Converting Colors

YIQ(78.7340, -13.3900, 11.3940)

Have a look what the booklet for
YIQ(78.7340, -13.3900, 11.3940)
contains.

YIQ(78.7340, -13.3900, 11.3940) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**YIQ(78.7340, -13.3900,
11.3940)**

Conversions

Conversions Part 1	
Format	Color
Hex	494B71
RGB	73, 75, 113
RGB Percent	29%, 29%, 44%
CMY	0.7137, 0.7059, 0.5569
CMYK	0.35, 0.34, 0.00, 0.56
HSL	237°, 21%, 36%
HSV	237°, 35%, 44%
XYZ	8.2436, 7.6407, 16.6569
YIQ	78.7340, -13.3900, 11.3940

Conversions

Conversions Part 2

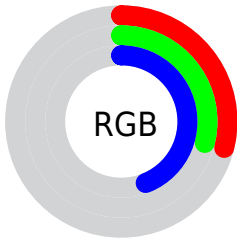
Format	Color
RYB	73, 75, 113
Decimal	4803441
CIELab	33.22, 9.16, -22.10
CIELCh	33, 23.919, 292.506
Yxy	7.6407, 0.2533, 0.2348
Android (android.graphics.Color)	4282993521 (0xFF494B71)
YUV	78.7340, 16.8931, -5.0287
Hunter-Lab	27.6418, 4.8607, -16.3787

Details

The YIQ color **78.7340, -13.3900, 11.3940** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **107.2660, 13.3900, -11.3940**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3750, -13.7570, 12.5390**, and **33.3810, -13.8940, 9.5140** is the 20% darker color. If you saturate the color by 10%, you get **68.9880, -16.9210, 14.8150**, and if you desaturate by 10%, it is **88.4800, -9.8590, 7.9730**.

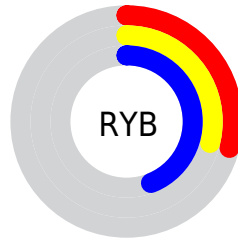
Distribution



Red (29%)

Green (29%)

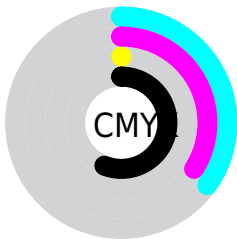
Blue (44%)



Red (29%)

Yellow (29%)

Blue (44%)

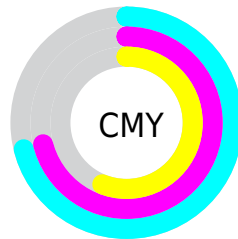


Cyan (35%)

Magenta (34%)

Yellow (0%)

Black (56%)



Cyan (71%)


Magenta (71%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 78.7340, -13.3900, 11.3940 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 78.7340, -13.3900, 11.3940 by changing the saturation by 10% instead.


 78.7340, -13.3900,
11.3940


 78.7340, -13.3900,
11.3940


 255.0000, -0.0000,
-0.0000


 55.2070, -13.3440,
10.5600


 128.3750,
-13.7570, 12.5390


 33.3810, -13.8940,
9.5140


 153.9020,
-13.8030, 13.3730

 10.2070, -13.3440,
10.5600

 181.0160,
-14.1240, 13.6840

 2.9810, -7.0160,
6.0080

 209.1300,
-14.4450, 13.9950

 0.0000, 0.0000,
0.0000

 234.6220, -7.3830,
7.1530

■ 78.7340, -13.3900,
11.3940

■ 78.7340, -13.3900,
11.3940

■ 68.9880, -16.9210,
14.8150

■ 88.4800, -9.8590,
7.9730

■ 59.5300, -21.3230,
17.5010

■ 97.9380, -5.4570,
5.2870

■ 49.7840, -24.8540,
20.9220

■ 107.6840, -1.9260,
1.8660

■ 40.0380, -28.3850,
24.3430

■ 117.4300, 1.6050,
-1.5550

■ 30.2920, -31.9160,
27.7640

■ 127.1760, 5.1360,
-4.9760

■ 20.8340, -36.3180,
30.4500


■ 136.6340, 9.5380,
-7.6620

■ 16.4040, -37.9230,
32.0050

■ 146.3800, 13.0690,
-11.0830

■ 156.1260, 16.6000,

-14.5040

 166.1710, 20.7270,
-17.7130

Harmonies

Analogous

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



72.6170, -35.3500, 1.8820



78.7340, -13.3900, 11.3940



80.4330, 6.6910, 16.4110

Triad

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



78.7340, -13.3900, 11.3940



78.3810, 29.6640, 2.0480



67.7520, -32.1370, -17.8090

Complementary

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



78.7340, -13.3900, 11.3940



107.2660, 13.3900, -11.3940

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.



72.7840, -8.8000, -16.7360



78.7340, -13.3900, 11.3940



76.6910, 22.5590, -6.8570

Square

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



78.7340, -13.3900, 11.3940



79.3630, 30.0750, 11.1230



75.0590, 9.5390, -13.1890



62.1440, -53.7320, -17.4120

Rectangle

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



78.7340, -13.3900, 11.3940



80.7070, 17.6030, 16.8910



75.0590, 9.5390, -13.1890



69.3570, -23.6550, -17.3430

Sweetspot

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



78.7340, -13.3900, 11.3940



133.8240, -5.1360, 4.9760



100.8120, -23.1980, -9.1020



65.7270, -3.4850, 2.5870



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



78.7340, -13.3900, 11.3940



94.8290, -20.7270, 17.7130



82.9420, -2.1120, 16.2560



51.2710, -2.2010, 1.3430



17.2020, -40.1700, 34.1820



35.2020, -82.5870, 70.5410

Inverse Universe

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



85.1880, 23.1980, 9.1020



104.8800, 35.9890, 14.0770



103.0580, 2.1120, -16.2560



51.9080, 3.2550, 1.5830



36.5640, 69.5940, 27.3060



75.2210, 143.3600, 56.0960

Previews

White Background



This preview shows how the YIQ color 78.7340, -13.3900, 11.3940 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



This preview shows how the YIQ color 78.7340, -13.3900, 11.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

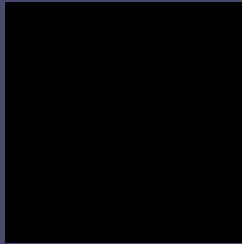
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.7340, -13.3900, 11.3940

Background



This preview shows how black text looks on a background with the YIQ color 78.7340, -13.3900, 11.3940.



This preview shows how white text looks on a background with the YIQ color 78.7340, -13.3900,

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

78.7340, -13.3900, 11.3940

Protanopia

77.9290, -18.4330, 9.1750

Deuteranopia

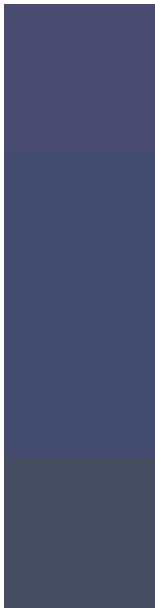
77.4020, -18.3870, 8.3410



Tritanopia

76.9110, -9.9950, -0.5790

Trichromacy



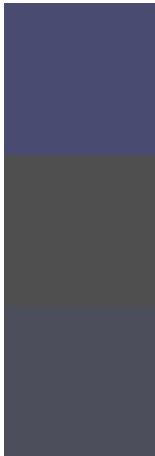
Original Color
78.7340, -13.3900, 11.3940

Protanomaly
78.2390, -16.3700, 10.3340

Deuteranomaly
77.7120, -16.3240, 9.5000

Tritanomaly
77.3610, -11.1420, 3.6900

Monochromacy



Original Color
78.7340, -13.3900, 11.3940

Achromatopsia
79.0000, -0.0000, 0.0000

Achromatomaly
79.1830, -4.7690, 3.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.7340, -13.3900, 11.3940 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, 75, 113)` looks like.

```
.text, #text, p{  
    color:rgb(73, 75, 113)  
}
```

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, 75, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 75, 113) }
```

Border

The CSS property to change the border of an element to YIQ 78.7340, -13.3900, 11.3940 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, 75, 113) }
```


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

```
.border{ border-color:rgb(73, 75, 113) }
```

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

Here you see how a box with a 4 pixel rgb(73, 75, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 75, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 75, 113);  
box-shadow:4px 4px 4px 4px rgb(73, 75,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 78.7340, -13.3900, 11.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 75, 113) }
```

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

```
.background{ background-color: rgb(73, 75,  
113) }
```

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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