

Converting Colors

YIQ(79.3330, -49.4700, -6.5420)

Have a look what the booklet for
YIQ(79.3330, -49.4700, -6.5420)
contains.

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Color

**YIQ(79.3330, -49.4700,
-6.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	1C617B
RGB	28, 97, 123
RGB Percent	11%, 38%, 48%
CMY	0.8903, 0.6195, 0.5179
CMYK	0.77, 0.21, 0.00, 0.52
HSL	196°, 63%, 30%
HSV	196°, 77%, 48%
XYZ	8.3269, 10.2298, 20.2564
YIQ	79.3330, -49.4700, -6.5420

Conversions

Conversions Part 2

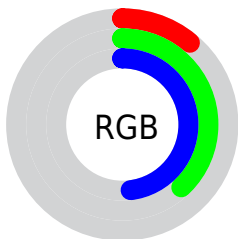
Format	Color
R_{YB}	28, 68, 123
Decimal	1859963
CIE _{Lab}	38.25, -11.78, -20.64
CIE _{LCh}	38, 23.759, 240.289
Yxy	10.2298, 0.2145, 0.2636
Android (android.graphics.Color)	4280050043 (0xFF1C617B)
YUV	79.3330, 21.5278, -45.0190
Hunter-Lab	31.9840, -9.5002, -15.1613




Details

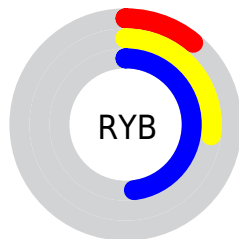
The YIQ color **79.3330, -49.4700, -6.5420** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **71.6670, 49.4700, 6.5420**, and the grayscale version is **79.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **132.9530, -45.3440, -4.2240**, and **38.3730, -37.7790, -3.6590** is the 20% darker color. If you saturate the color by 10%, you get **73.9840, -55.7970, -7.5170**, and if you desaturate by 10%, it is **84.6820, -43.1430, -5.5670**.

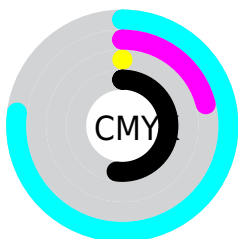
Distribution







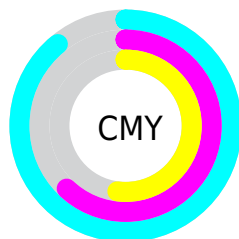
-  Red (11%)
-  Green (38%)
-  Blue (48%)






-  Red (11%)
-  Yellow (27%)
-  Blue (48%)



-  Cyan (77%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (89%)
-  Magenta (62%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.3330, -49.4700, -6.5420 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 79.3330, -49.4700, -6.5420 by changing the saturation by 10% instead.

■ 79.3330, -49.4700,
-6.5420

■ 79.3330, -49.4700,
-6.5420

■ 255.0000, -0.0000,
-0.0000

■ 54.0230, -51.5330,
-7.7010

■ 132.9530,
-45.3440, -4.2240

■ 38.3730, -37.7790,
-3.6590

■ 159.6650,
-44.4730, -3.4890

■ 23.4240, -24.6210,
0.1710

■ 187.3660,
-45.0690, -3.7010

■ 4.5940, -10.1800,
8.2840

■ 214.9100,
-43.7850, -4.9450

■ 0.1140, -0.3210,
0.3110

■ 238.2560,
-33.3760, -11.8720

■ 0.0000, 0.0000,
0.0000

■ 246.9270,

-16.0920, -5.7240

■ 79.3330, -49.4700,
-6.5420

■ 79.3330, -49.4700,
-6.5420

■ 73.9840, -55.7970,
-7.5170

■ 84.6820, -43.1430,
-5.5670

■ 67.7490, -62.4450,
-8.1810

■ 90.9170, -36.4950,
-4.9030

■ 66.2650, -63.9580,
-8.2940

■ 96.2660, -30.1680,
-3.9280

■ 101.6150,
-23.8410, -2.9530

■ 107.5510,
-17.7890, -2.5010

■ 113.1990,
-10.8660, -1.3140

■ 119.1350, -4.8140,
-0.8620

■ 124.4840, 1.5130,
0.1130

■ 130.1320, 8.4360,
1.3000

Harmonies

Analogous

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



73.2190, -58.3170, -16.9170



79.3330, -49.4700, -6.5420



87.1340, -29.4360, 4.8360

Triad

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



79.3330, -49.4700, -6.5420



92.0730, 25.2600, 15.7880



86.6670, 4.7710, -14.8850

Complementary

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



79.3330, -49.4700, -6.5420



71.6670, 49.4700, 6.5420

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.



88.8540, 20.5420, -8.8500



79.3330, -49.4700, -6.5420



91.3800, 31.4050, 9.0450

Square

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



79.3330, -49.4700, -6.5420



92.2980, 11.5050, 17.2730



89.9140, 29.4810, -0.1430



84.0330, -13.9350, -17.2870

Rectangle

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



79.3330, -49.4700, -6.5420



90.2500, -14.9030, 11.2810



89.9140, 29.4810, -0.1430



87.5430, 11.0520, -13.0760

Sweetspot

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



79.3330, -49.4700, -6.5420



144.0670, -19.3020, -2.6140



86.6150, -34.1500, -41.9100



71.0140, -11.7830, -1.2150



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



79.3330, -49.4700, -6.5420



92.0830, -78.1250, -10.3570



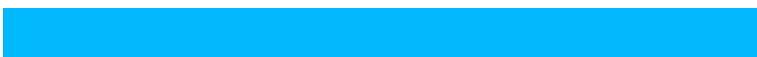
51.7440, -36.5450, 18.0390



58.6190, -3.3010, -0.7490



67.6670, -65.1500, -8.7180



136.7360, -131.4920, -17.8600

Inverse Universe

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



64.2710, 34.4710, 41.5990



68.2760, 54.4110, 65.6990



99.2560, 36.5450, -18.0390



57.3640, 1.9710, 2.8270



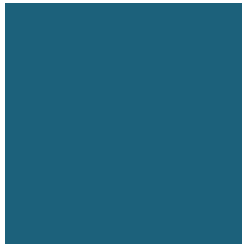
47.7490, 45.2890, 54.8010



96.3240, 91.1280, 110.6480

Previews

White Background



This preview shows how the YIQ color 79.3330, -49.4700, -6.5420 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 79.3330, -49.4700, -6.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

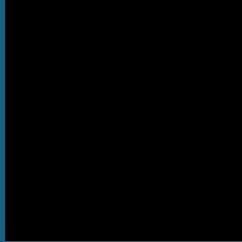
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.3330, -49.4700, -6.5420

Background



This preview shows how black text looks on a background with the YIQ color 79.3330, -49.4700, -6.5420.



This preview shows how white text looks on a background with the YIQ color 79.3330, -49.4700,

-6.5420.

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

79.3330, -49.4700, -6.5420

Protanopia

90.0990, -13.1600, 7.2240

Deuteranopia

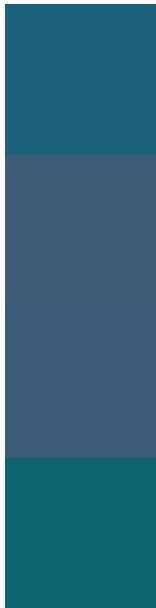
89.8150, -18.1120, 8.8640



Tritanopia

73.1050, -57.9960, -17.2280

Trichromacy



Original Color

79.3330, -49.4700, -6.5420

Protanomaly

86.1080, -26.5470, 2.0370

Deuteranomaly

86.0800, -29.3440, 3.1680

Tritanomaly

75.4800, -54.5580, -13.4540

Monochromacy



Original Color

79.3330, -49.4700, -6.5420

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.2520, -18.3850, -2.7130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.3330, -49.4700, -6.5420 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(28, 97, 123)` looks like.

```
.text, #text, p{  
    color:rgb(28, 97, 123)  
}
```

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(28, 97, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 97, 123) }
```

Border

The CSS property to change the border of an element to YIQ 79.3330, -49.4700, -6.5420 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(28, 97, 123) }
```


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

```
.border{ border-color:rgb(28, 97, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 97, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 97, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 97, 123);  
box-shadow:4px 4px 4px 4px rgb(28, 97,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 79.3330, -49.4700, -6.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 97, 123) }
```

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

```
.background{ background-color: rgb(28, 97,  
123) }
```

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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