

Converting Colors

YIQ(75.3850, -19.7170, 10.4190)

Have a look what the booklet for
YIQ(75.3850, -19.7170, 10.4190)
contains.

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Color

**YIQ(75.3850, -19.7170,
10.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	3F4A73
RGB	63, 74, 115
RGB Percent	25%, 29%, 45%
CMY	0.7529, 0.7098, 0.5491
CMYK	0.45, 0.36, 0.00, 0.55
HSL	227°, 29%, 35%
HSV	227°, 45%, 45%
XYZ	7.5919, 7.1921, 17.1993
YIQ	75.3850, -19.7170, 10.4190

Conversions

Conversions Part 2

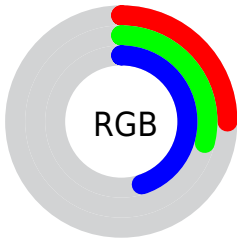
Format	Color
RYB	63, 72, 115
Decimal	4147827
CIELab	32.24, 7.40, -24.94
CIElCh	32, 26.015, 286.524
Yxy	7.1921, 0.2374, 0.2249
Android (android.graphics.Color)	4282337907 (0xFF3F4A73)
YUV	75.3850, 19.5302, -10.8616
Hunter-Lab	26.8181, 3.5995, -19.2518




Details

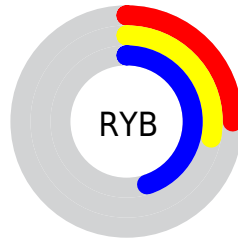
The YIQ color **75.3850, -19.7170, 10.4190** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **102.6150, 19.7170, -10.4190**, and the grayscale version is **75.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **124.4390, -19.8090, 12.0870**, and **29.4230, -22.8800, 7.1680** is the 20% darker color. If you saturate the color by 10%, you get **66.8130, -23.7980, 12.7940**, and if you desaturate by 10%, it is **83.9570, -15.6360, 8.0440**.

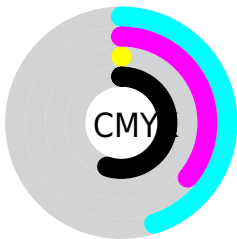
Distribution







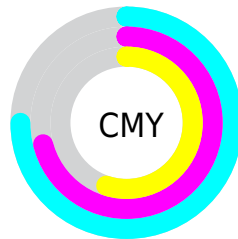
-  Red (25%)
-  Green (29%)
-  Blue (45%)






-  Red (25%)
-  Yellow (28%)
-  Blue (45%)



-  Cyan (45%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (75%)
-  Magenta (71%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.3850, -19.7170, 10.4190 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 75.3850, -19.7170, 10.4190 by changing the saturation by 10% instead.

■ 75.3850, -19.7170,
10.4190

■ 75.3850, -19.7170,
10.4190

■ 255.0000, -0.0000,
-0.0000

■ 52.4450, -19.9460,
9.0620

■ 124.4390,
-19.8090, 12.0870

■ 29.4230, -22.8800,
7.1680

■ 150.5530,
-20.1300, 12.3980

■ 7.9510, -15.4990,
11.0690

■ 177.6670,
-20.4510, 12.7090

■ 3.2090, -7.6580,
6.6300

■ 205.1940,
-20.4970, 13.5430

■ 0.0000, 0.0000,
0.0000

■ 230.4580,
-12.7930, 6.0790

■ 253.8040, -2.3840,

-0.8480

■ 75.3850, -19.7170,
10.4190

■ 75.3850, -19.7170,
10.4190

■ 66.8130, -23.7980,
12.7940

■ 83.9570, -15.6360,
8.0440

■ 57.9420, -28.4750,
14.9570

■ 92.8280, -10.9590,
5.8810

■ 49.3700, -32.5560,
17.3320

■ 101.4000, -6.8780,
3.5060

■ 40.4990, -37.2330,
19.4950

■ 110.2710, -2.2010,
1.3430

■ 31.9270, -41.3140,
21.8700

■ 118.8430, 1.8800,
-1.0320

■ 27.1980, -43.5150,
23.2130

■ 127.7140, 6.5570,
-3.1950

■ 136.2860, 10.6380,
-5.5700

■ 145.7440, 15.0400,
-8.2560

■ 154.3160, 19.1210,
-10.6310

Harmonies

Analogous

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



65.7400, -49.0580, -2.9940



75.3850, -19.7170, 10.4190



78.1060, 3.2980, 17.3300

Triad

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



75.3850, -19.7170, 10.4190



75.8160, 32.8730, 4.4650



64.8830, -31.1280, -19.5760

Complementary

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



75.3850, -19.7170, 10.4190



102.6150, 19.7170, -10.4190

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.



70.2250, -5.7280, -17.3440



75.3850, -19.7170, 10.4190



74.4850, 26.1350, -5.5850

Square

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



75.3850, -19.7170, 10.4190



76.4280, 31.4500, 13.7380



72.7990, 13.2070, -13.5850



60.4000, -51.5770, -17.9210

Rectangle

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



75.3850, -19.7170, 10.4190



78.3910, 15.6770, 18.7570



72.7990, 13.2070, -13.5850



67.0860, -21.4540, -18.6860

Sweetspot

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



75.3850, -19.7170, 10.4190



134.3290, -8.1160, 3.9160



98.1980, -27.4610, -14.4450



66.3570, -5.3190, 2.7850



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.



75.3850, -19.7170, 10.4190



88.2130, -30.6760, 16.3000



73.4130, -7.7520, 19.3520



54.2710, -2.2010, 1.3430



29.1700, -46.3120, 24.3440



59.6110, -94.8250, 50.0310

Inverse Universe

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



79.8020, 27.4610, 14.4450



95.1570, 42.8190, 22.4590



104.5870, 7.7520, -19.3520



54.9080, 3.2550, 1.5830



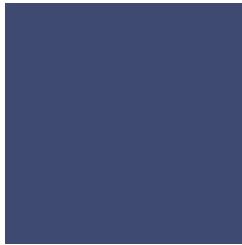
39.4420, 64.3660, 33.9500



80.7920, 131.9870, 69.4830

Previews

White Background



This preview shows how the YIQ color 75.3850, -19.7170, 10.4190 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 75.3850, -19.7170, 10.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

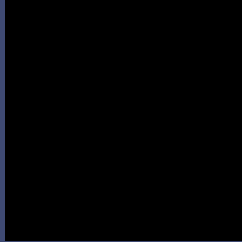
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.3850, -19.7170, 10.4190

Background



This preview shows how black text looks on a background with the YIQ color 75.3850, -19.7170, 10.4190.

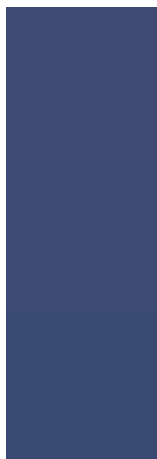


This preview shows how white text looks on a background with the YIQ color 75.3850, -19.7170,

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

75.3850, -19.7170, 10.4190

Protanopia

74.7870, -20.9090, 9.9950

Deuteranopia

74.1780, -23.5680, 8.6240



Tritanopia

73.2090, -16.8260, -3.4340

Trichromacy



Original Color

75.3850, -19.7170, 10.4190

Protanomaly

75.0860, -20.3130, 10.2070

Deuteranomaly

74.7760, -22.3760, 9.0480

Tritanomaly

74.1860, -18.0190, 1.6690

Monochromacy



Original Color

75.3850, -19.7170, 10.4190

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.5140, -7.1990, 3.8170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.3850, -19.7170, 10.4190 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(63, 74, 115)` looks like.

```
.text, #text, p{  
    color:rgb(63, 74, 115)  
}
```

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(63, 74, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 74, 115) }
```

Border

The CSS property to change the border of an element to YIQ 75.3850, -19.7170, 10.4190 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(63, 74, 115) }
```


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

```
.border{ border-color:rgb(63, 74, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 74, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 74, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 74, 115);  
box-shadow:4px 4px 4px 4px rgb(63, 74,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 75.3850, -19.7170, 10.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 74, 115) }
```

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

```
.background{ background-color: rgb(63, 74,  
115) }
```

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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