

Converting Colors

YIQ(75.5650, -37.5990, 15.1130)

Have a look what the booklet for
YIQ(75.5650, -37.5990, 15.1130)
contains.

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Color

**YIQ(75.5650, -37.5990,
15.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	314C8F
RGB	49, 76, 143
RGB Percent	19%, 30%, 56%
CMY	0.8078, 0.7019, 0.4394
CMYK	0.66, 0.47, 0.00, 0.44
HSL	223°, 49%, 38%
HSV	223°, 66%, 56%
XYZ	8.8056, 7.8049, 27.0086
YIQ	75.5650, -37.5990, 15.1130

Conversions

Conversions Part 2

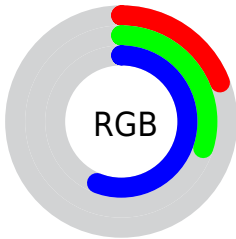
Format	Color
R _Y B	49, 70, 143
Decimal	3230863
CIE Lab	33.57, 12.57, -40.19
CIE LCh	34, 42.111, 287.362
Yxy	7.8049, 0.2019, 0.1789
Android (android.graphics.Color)	4281420943 (0xFF314C8F)
YUV	75.5650, 33.2455, -23.2975
Hunter-Lab	27.9373, 7.3716, -37.7631

Details

The YIQ color **75.5650, -37.5990, 15.1130** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **116.4350, 37.5990, -15.1130**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.6410, -34.7570, 18.6750**, and **29.8590, -38.6070, 11.3530** is the 20% darker color. If you saturate the color by 10%, you get **65.5090, -43.1930, 17.3750**, and if you desaturate by 10%, it is **85.6210, -32.0050, 12.8510**.

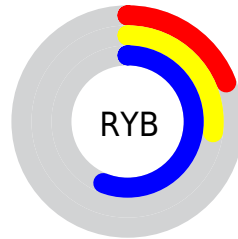
Distribution



Red (19%)

Green (30%)

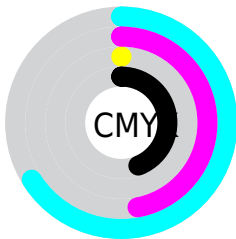
Blue (56%)



Red (19%)

Yellow (27%)

Blue (56%)

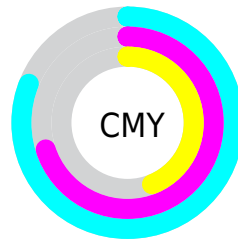


Cyan (66%)

Magenta (47%)

Yellow (0%)

Black (44%)



Cyan (81%)

Magenta (70%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.5650, -37.5990, 15.1130 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 75.5650, -37.5990, 15.1130 by changing the saturation by 10% instead.

■ 75.5650, -37.5990,
15.1130

■ 75.5650, -37.5990,
15.1130

■ 255.0000, -0.0000,
-0.0000

■ 48.6240, -45.2550,
10.6890

■ 126.6410,
-34.7570, 18.6750

■ 29.8590, -38.6070,
11.3530

■ 153.1680,
-34.8030, 19.5090

■ 13.6220, -24.5780,
15.9180

■ 180.6950,
-34.8490, 20.3430

■ 6.8910, -15.2700,
12.4260

■ 205.3290,
-25.3110, 12.6810

■ 3.2090, -7.6580,
6.6300

■ 230.1370,
-16.3230, 3.9730

■ 0.0000, 0.0000,
0.0000

■ 252.6080, -4.7680,

-1.6960

■ 75.5650, -37.5990,
15.1130

■ 75.5650, -37.5990,
15.1130

■ 65.5090, -43.1930,
17.3750

■ 85.6210, -32.0050,
12.8510

■ 55.1540, -49.3830,
19.4250

■ 95.9760, -25.8150,
10.8010

■ 44.5110, -54.7020,
22.2100

■ 106.6190,
-20.4960, 8.0160

■ 40.3690, -57.1780,
23.0300

■ 116.6750,
-14.9020, 5.7540

■ 126.7310, -9.3080,
3.4920

■ 137.0860, -3.1180,
1.4420

■ 147.1420, 2.4760,
-0.8200

■ 157.1980, 8.0700,
-3.0820

■ 168.1400, 13.9850,
-5.6550

Harmonies

Analogous

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



67.4850, -70.1490, -0.7170



75.5650, -37.5990, 15.1130



81.4520, 5.6800, 29.2320

Triad

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



75.5650, -37.5990, 15.1130



76.1510, 50.9830, 6.6550



62.3600, -46.0730, -29.5690

Complementary

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



75.5650, -37.5990, 15.1130



116.4350, 37.5990, -15.1130

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.



67.0140, -12.9240, -30.1080



75.5650, -37.5990, 15.1130



74.7130, 42.6880, -13.7280

Square

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



75.5650, -37.5990, 15.1130



76.1040, 50.3380, 23.8580



72.0860, 22.1040, -26.1520



66.9370, -57.5830, -19.2070

Rectangle

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



75.5650, -37.5990, 15.1130



79.2820, 26.7700, 32.4820



72.0860, 22.1040, -26.1520



60.5190, -42.2670, -32.4670

Sweetspot

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



75.5650, -37.5990, 15.1130



159.6750, -14.9020, 5.7540



111.7020, -47.0360, -28.6360



78.0300, -8.7120, 3.7040



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



75.5650, -37.5990, 15.1130



80.4120, -58.7370, 23.7510



65.3970, -18.8500, 33.2620



65.9720, -2.7970, 1.1310



38.2830, -54.0600, 21.5880



2.0860, -3.1180, 1.4420

Inverse Universe

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



80.1840, 47.3570, 28.3250



87.7410, 74.1300, 44.2260



126.6030, 18.8500, -33.2620



66.3210, 3.5300, 2.1060



44.8110, 67.9410, 40.7490



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 75.5650, -37.5990, 15.1130 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 75.5650, -37.5990, 15.1130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

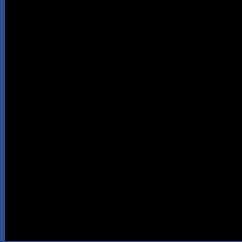
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.5650, -37.5990, 15.1130

Background



This preview shows how black text looks on a background with the YIQ color 75.5650, -37.5990, 15.1130.



This preview shows how white text looks on a background with the YIQ color 75.5650, -37.5990,

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

75.5650, -37.5990, 15.1130

Protanopia

74.9560, -40.2580, 13.7420

Deuteranopia

65.8390, -62.2180, 4.2300



Tritanopia

66.2700, -45.1590, -13.0870

Trichromacy



Original Color

75.5650, -37.5990, 15.1130

Protanomaly

75.2550, -39.6620, 13.9540

Deuteranomaly

69.7370, -53.0030, 7.9330

Tritanomaly

69.5620, -42.6850, -2.8530

Monochromacy



Original Color

75.5650, -37.5990, 15.1130

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.7460, -13.6640, 5.3440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.5650, -37.5990, 15.1130 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(49, 76, 143)` looks like.

```
.text, #text, p{  
    color:rgb(49, 76, 143)  
}
```

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(49, 76, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 76, 143) }
```

Border

The CSS property to change the border of an element to YIQ 75.5650, -37.5990, 15.1130 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(49, 76, 143) }
```


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

```
.border{ border-color:rgb(49, 76, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 76, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 76, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 76, 143);  
box-shadow:4px 4px 4px 4px rgb(49, 76,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 75.5650, -37.5990, 15.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 76, 143) }
```

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

```
.background{ background-color: rgb(49, 76,  
143) }
```

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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