

Converting Colors

YIQ(73.6490, -2.8450, 13.0190)

Have a look what the booklet for
YIQ(73.6490, -2.8450, 13.0190)
contains.

YIQ(73.6490, -2.8450, 13.0190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(73.6490, -2.8450,
13.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4263
RGB	79, 66, 99
RGB Percent	31%, 26%, 39%
CMY	0.6901, 0.7412, 0.6118
CMYK	0.20, 0.33, 0.00, 0.61
HSL	264°, 20%, 32%
HSV	264°, 33%, 39%
XYZ	7.4251, 6.4593, 12.6574
YIQ	73.6490, -2.8450, 13.0190

Conversions

Conversions Part 2

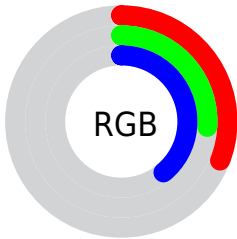
Format	Color
R_{YB}	79, 66, 99
Decimal	5194339
CIE _{Lab}	30.54, 13.13, -17.36
CIE _{LCh}	31, 21.767, 307.090
Yxy	6.4593, 0.2798, 0.2434
Android (android.graphics.Color)	4283384419 (0xFF4F4263)
YUV	73.6490, 12.4980, 4.6928
Hunter-Lab	25.4152, 7.6729, -11.7374

Details

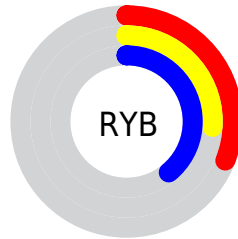
The YIQ color **73.6490, -2.8450, 13.0190** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **91.3510, 2.8450, -13.0190**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.5890, -2.6160, 14.3760**, and **29.5950, -2.7530, 11.3510** is the 20% darker color. If you saturate the color by 10%, you get **65.9850, -3.6710, 16.9770**, and if you desaturate by 10%, it is **81.3130, -2.0190, 9.0610**.

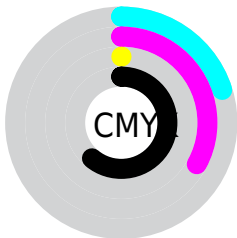
Distribution



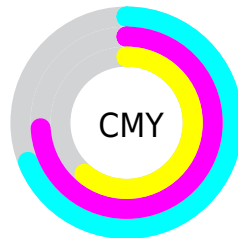
- Red (31%)
- Green (26%)
- Blue (39%)



- Red (31%)
- Yellow (26%)
- Blue (39%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (61%)



- Cyan (69%)
- Magenta (74%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.6490, -2.8450, 13.0190 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 73.6490, -2.8450, 13.0190 by changing the saturation by 10% instead.

■ 73.6490, -2.8450,
13.0190

■ 73.6490, -2.8450,
13.0190

■ 255.0000, -0.0000,
-0.0000

■ 51.1220, -2.7990,
12.1850

■ 122.5890, -2.6160,
14.3760

■ 29.5950, -2.7530,
11.3510

■ 148.7030, -2.9370,
14.6870

■ 8.0190, -1.0110,
12.8210

■ 175.1160, -2.6620,
15.2100

■ 0.3420, -0.9630,
0.9330

■ 202.5290, -2.3870,
15.7330

■ 0.0000, 0.0000,
0.0000

■ 229.9590, -0.7820,
14.1780

■ 252.0650, 1.3750,

2.6150

■ 73.6490, -2.8450,
13.0190

■ 73.6490, -2.8450,
13.0190

■ 65.9850, -3.6710,
16.9770

■ 81.3130, -2.0190,
9.0610

■ 58.3210, -4.4970,
20.9350

■ 88.9770, -1.1930,
5.1030

■ 50.6570, -5.3230,
24.8930

■ 96.6410, -0.3670,
1.1450

■ 42.9930, -6.1490,
28.8510

■ 104.3050, 0.4590,
-2.8130

■ 35.9160, -7.2500,
32.2860

■ 111.3820, 1.5600,
-6.2480

■ 28.2520, -8.0760,
36.2440

■ 119.0460, 2.3860,
-10.2060

■ 22.9470, -8.5350,
39.0570

■ 126.7100, 3.2120,
-14.1640

■ 134.3740, 4.0380,
-18.1220

■ 142.0380, 4.8640,
-22.0800

Harmonies

Analogous

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



70.0810, -21.9170, 6.2350



73.6490, -2.8450, 13.0190



74.2010, 13.1560, 14.8840

Triad

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



73.6490, -2.8450, 13.0190



71.5220, 24.7130, -1.8390



59.5000, -40.1150, -16.3950

Complementary

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



73.6490, -2.8450, 13.0190



91.3510, 2.8450, -13.0190

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.



65.2330, -17.3740, -15.5340



73.6490, -2.8450, 13.0190



70.2170, 15.0860, -9.0900

Square

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



73.6490, -2.8450, 13.0190



72.5320, 27.9210, 6.1050



68.4540, 1.0570, -13.6550



57.4480, -51.5320, -13.2280

Rectangle

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



73.6490, -2.8450, 13.0190



73.8660, 21.4090, 13.9930



68.4540, 1.0570, -13.6550



62.1050, -31.6330, -15.9290

Sweetspot

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



73.6490, -2.8450, 13.0190



117.9770, -1.1930, 5.1030



81.5020, -16.0930, -0.1970



57.8090, -0.7800, 3.1240



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



73.6490, -2.8450, 13.0190



88.7940, -4.4510, 20.1010



78.4330, 6.6910, 16.4110



45.0540, -0.0920, 1.6680



25.9240, -9.7280, 44.1600



55.7650, -20.4200, 94.7800

Inverse Universe

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



78.1470, 13.2480, 13.2160



95.6690, 20.7660, 20.1420



86.5670, -6.6910, -16.4110



45.5380, 1.4210, 1.7810



41.2400, 44.9240, 44.8920



88.2900, 96.4950, 95.9750

Previews

White Background



This preview shows how the YIQ color 73.6490, -2.8450, 13.0190 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 73.6490, -2.8450, 13.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

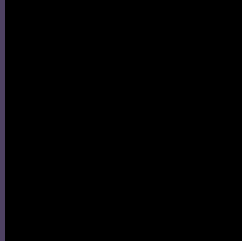
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.6490, -2.8450, 13.0190

Background



This preview shows how black text looks on a background with the YIQ color 73.6490, -2.8450, 13.0190.

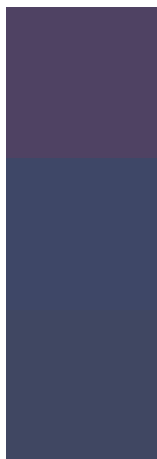


This preview shows how white text looks on a background with the YIQ color 73.6490, -2.8450,

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

73.6490, -2.8450, 13.0190

Protanopia

71.9570, -15.6360, 8.0440

Deuteranopia

71.9850, -12.8390, 6.9130



Tritanopia

72.7660, 0.7790, 2.4030

Trichromacy



Original Color

73.6490, -2.8450, 13.0190

Protanomaly

72.4630, -11.1890, 10.0510

Deuteranomaly

72.3060, -9.3090, 9.0190

Tritanomaly

72.8030, -0.6430, 6.1490

Monochromacy



Original Color

73.6490, -2.8450, 13.0190

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.8630, -0.8720, 4.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.6490, -2.8450, 13.0190 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(79, 66, 99)` looks like.

```
.text, #text, p{  
    color:rgb(79, 66, 99)  
}
```

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(79, 66, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 66, 99) }
```

Border

The CSS property to change the border of an element to YIQ 73.6490, -2.8450, 13.0190 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(79, 66, 99) }
```


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

```
.border{ border-color:rgb(79, 66, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 66, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 66, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 66, 99);  
box-shadow:4px 4px 4px 4px rgb(79, 66, 99)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.6490, -2.8450, 13.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 66, 99) }
```

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

```
.background{ background-color: rgb(79, 66,  
99) }
```

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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