

Converting Colors

YIQ(74.6990, -32.6450, 2.4190)

Have a look what the booklet for
YIQ(74.6990, -32.6450, 2.4190)
contains.

YIQ(74.6990, -32.6450, 2.4190)	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(74.6990, -32.6450,
2.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5273
RGB	45, 82, 115
RGB Percent	18%, 32%, 45%
CMY	0.8236, 0.6784, 0.5492
CMYK	0.61, 0.29, 0.00, 0.55
HSL	208°, 44%, 31%
HSV	208°, 61%, 45%
XYZ	7.1921, 7.8313, 17.3403
YIQ	74.6990, -32.6450, 2.4190

Conversions

Conversions Part 2

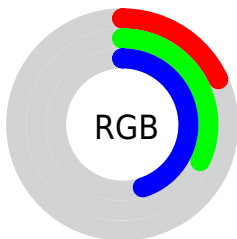
Format	Color
R _Y B	45, 69, 115
Decimal	2970227
CIE Lab	33.63, -2.44, -22.84
CIE LCh	34, 22.970, 263.914
Yxy	7.8313, 0.2222, 0.2420
Android (android.graphics.Color)	4281160307 (0xFF2D5273)
YUV	74.6990, 19.8684, -26.0460
Hunter-Lab	27.9845, -3.0977, -17.1491

Details

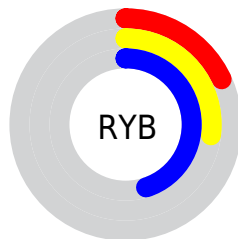
The YIQ color **74.6990, -32.6450, 2.4190** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **85.3010, 32.6450, -2.4190**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.9380, -31.8200, 3.9880**, and **29.9440, -31.9570, 0.9630** is the 20% darker color. If you saturate the color by 10%, you get **68.1760, -38.4220, 2.4900**, and if you desaturate by 10%, it is **80.9230, -27.4640, 2.1360**.

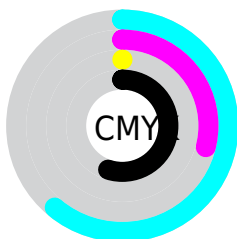
Distribution



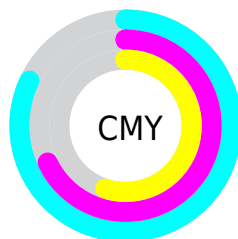
- Red (18%)
- Green (32%)
- Blue (45%)



- Red (18%)
- Yellow (27%)
- Blue (45%)



- Cyan (61%)
- Magenta (29%)
- Yellow (0%)
- Black (55%)



- Cyan (82%)
- Magenta (68%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.6990, -32.6450, 2.4190 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 74.6990, -32.6450, 2.4190 by changing the saturation by 10% instead.

■ 74.6990, -32.6450,
2.4190

■ 74.6990, -32.6450,
2.4190

■ 255.0000, -0.0000,
-0.0000

■ 49.3780, -36.1750,
0.3130

■ 124.9380,
-31.8200, 3.9880

■ 29.9440, -31.9570,
0.9630

■ 151.0520,
-32.1410, 4.2990

■ 14.9950, -18.7990,
4.7930

■ 178.1660,
-32.4620, 4.6100

■ 3.2090, -7.6580,
6.6300

■ 206.2800,
-32.7830, 4.9210

■ 0.0000, 0.0000,
0.0000

■ 231.5440,
-25.0790, -2.5430

■ 249.0200,

-11.9200, -4.2400

■ 74.6990, -32.6450,
2.4190

■ 74.6990, -32.6450,
2.4190

■ 68.1760, -38.4220,
2.4900

■ 80.9230, -27.4640,
2.1360

■ 61.3650, -43.3280,
3.2960

■ 88.0330, -21.9620,
1.5420

■ 54.8420, -49.1050,
3.3670

■ 94.2570, -16.7810,
1.2590

■ 48.9170, -53.6900,
3.8620

■ 101.3670,
-11.2790, 0.6650

■ 107.5910, -6.0980,
0.3820

■ 114.1140, -0.3210,
0.3110

■ 120.9250, 4.5850,
-0.4950

■ 127.4480, 10.3620,
-0.5660

■ 134.2590, 15.2680,
-1.3720

Harmonies

Analogous

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



63.9900, -55.9340, -10.5420



74.6990, -32.6450, 2.4190



80.1040, -11.5560, 11.1960

Triad

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



74.6990, -32.6450, 2.4190



80.2380, 28.9290, 9.8650



73.4250, -9.1670, -15.5910

Complementary

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



74.6990, -32.6450, 2.4190



85.3010, 32.6450, -2.4190

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.



75.9880, 8.3010, -12.7790



74.6990, -32.6450, 2.4190



79.0820, 29.0680, 1.8360

Square

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



74.6990, -32.6450, 2.4190



80.9200, 21.3170, 15.6610



78.2070, 21.0460, -6.9700



69.4640, -31.2660, -17.0740

Rectangle

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



74.6990, -32.6450, 2.4190



81.1550, 1.6020, 15.0260



78.2070, 21.0460, -6.9700



74.3610, -3.1150, -15.1390

Sweetspot

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



74.6990, -32.6450, 2.4190



134.8830, -12.7920, 0.5520



89.8520, -29.8430, -26.3470



67.2210, -7.9320, 0.5800



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.



74.6990, -32.6450, 2.4190



87.4720, -50.9390, 3.5650



54.1540, -23.0200, 20.7240



55.4450, -2.7510, 0.2970



52.0630, -57.0370, 3.9470



105.9840, -116.5500, 8.7140

Inverse Universe

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



70.1480, 29.8430, 26.3470



80.2030, 46.3460, 41.1460



105.8460, 23.0200, -20.7240



55.1360, 2.6130, 2.2050



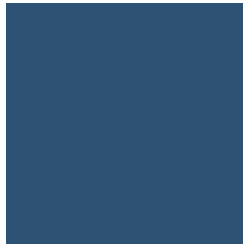
43.8880, 51.8470, 46.0790



89.7980, 106.6280, 94.0520

Previews

White Background



This preview shows how the YIQ color 74.6990, -32.6450, 2.4190 looks on a white background.

Color Contrast Check

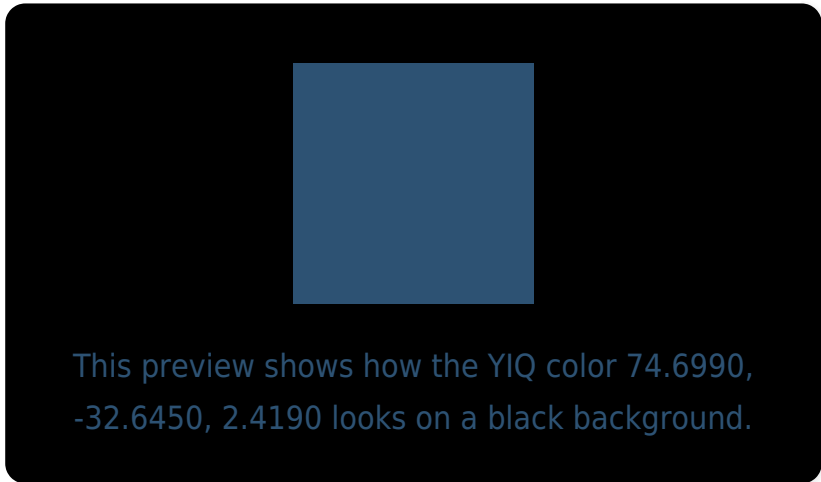
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

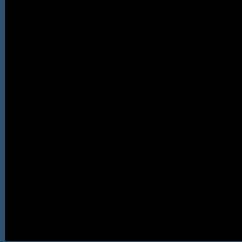
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

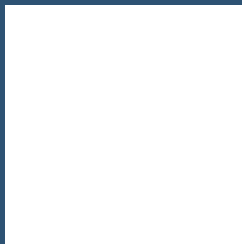
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 74.6990, -32.6450, 2.4190

Background



This preview shows how black text looks on a background with the YIQ color 74.6990, -32.6450, 2.4190.

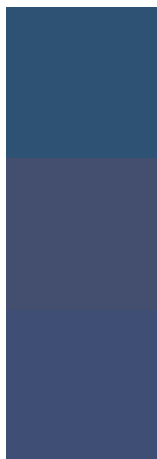


This preview shows how white text looks on a background with the YIQ color 74.6990, -32.6450,

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

74.6990, -32.6450, 2.4190

Protanopia

78.7720, -16.5530, 8.1430

Deuteranopia

77.8470, -21.1380, 8.6380



Tritanopia

71.5490, -32.6430, -8.6350

Trichromacy



Original Color

74.6990, -32.6450, 2.4190

Protanomaly

77.0810, -21.9170, 6.2350

Deuteranomaly

76.3410, -25.5850, 6.6310

Tritanomaly

73.0700, -32.5520, -4.7760

Monochromacy



Original Color

74.6990, -32.6450, 2.4190

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.1820, -12.1960, 0.7640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.6990, -32.6450, 2.4190 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(45, 82, 115)` looks like.

```
.text, #text, p{  
    color:rgb(45, 82, 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(45, 82, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 82, 115) }
```

Border

The CSS property to change the border of an element to YIQ 74.6990, -32.6450, 2.4190 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(45, 82, 115) }
```


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

```
.border{ border-color:rgb(45, 82, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 82, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 82, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 82, 115);  
box-shadow:4px 4px 4px 4px rgb(45, 82,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 74.6990, -32.6450, 2.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 82, 115) }
```

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

```
.background{ background-color: rgb(45, 82,  
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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