

Converting Colors

YIQ(74.9510, -51.0300, -0.2940)

Have a look what the booklet for
YIQ(74.9510, -51.0300, -0.2940)
contains.

YIQ(74.9510, -51.0300, -0.2940)	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>	30

Color

**YIQ(74.9510, -51.0300,
-0.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	1A5983
RGB	26, 89, 131
RGB Percent	10%, 35%, 51%
CMY	0.8981, 0.6509, 0.4865
CMYK	0.80, 0.32, 0.00, 0.49
HSL	204°, 67%, 31%
HSV	204°, 80%, 51%
XYZ	8.0925, 9.0055, 22.7631
YIQ	74.9510, -51.0300, -0.2940

Conversions

Conversions Part 2

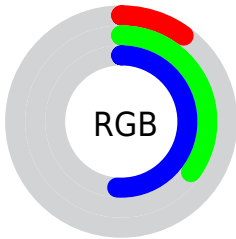
Format	Color
R_{YB}	26, 65, 131
Decimal	1726851
CIE _{Lab}	35.99, -4.15, -29.05
CIE _{LCh}	36, 29.350, 261.868
Yxy	9.0055, 0.2030, 0.2259
Android (android.graphics.Color)	4279916931 (0xFF1A5983)
YUV	74.9510, 27.6322, -42.9300
Hunter-Lab	30.0091, -4.3803, -23.9676

Details

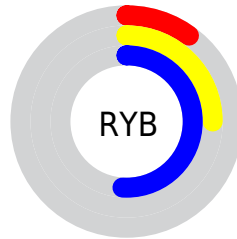
The YIQ color **74.9510, -51.0300, -0.2940** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **82.0490, 51.0300, 0.2940**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.5820, -45.4370, 2.9710**, and **35.0620, -38.1010, 2.1790** is the 20% darker color. If you saturate the color by 10%, you get **68.1290, -57.4030, -0.4350**, and if you desaturate by 10%, it is **81.7730, -44.6570, -0.1530**.

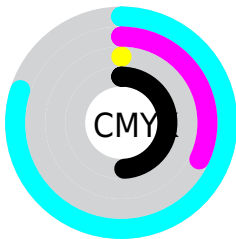
Distribution



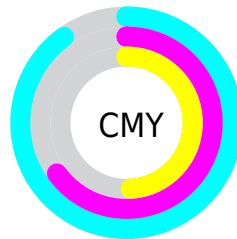
- Red (10%)
- Green (35%)
- Blue (51%)



- Red (10%)
- Yellow (25%)
- Blue (51%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (49%)



- Cyan (90%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.9510, -51.0300, -0.2940 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 74.9510, -51.0300, -0.2940 by changing the saturation by 10% instead.

■ 74.9510, -51.0300,
-0.2940

■ 74.9510, -51.0300,
-0.2940

■ 255.0000, -0.0000,
-0.0000

■ 50.8260, -52.1760,
-1.5520

■ 128.5820,
-45.4370, 2.9710

■ 35.0620, -38.1010,
2.1790

■ 155.4080,
-44.8870, 4.0170

■ 20.7000, -25.2180,
5.4860

■ 182.8210,
-44.6120, 4.5400

■ 5.2780, -12.1060,
10.1500

■ 209.3390,
-40.4390, 0.4970

■ 1.3680, -3.8520,
3.7320

■ 234.1470,
-31.4510, -8.2110

■ 0.0000, 0.0000,
0.0000

■ 246.9270,

-16.0920, -5.7240

■ 74.9510, -51.0300,
-0.2940

■ 74.9510, -51.0300,
-0.2940

■ 68.1290, -57.4030,
-0.4350

■ 81.7730, -44.6570,
-0.1530

■ 61.3070, -63.7760,
-0.5760

■ 88.5950, -38.2840,
-0.0120

■ 96.0040, -32.1860,
-0.3940

■ 102.8260,
-25.8130, -0.2530

■ 109.6480,
-19.4400, -0.1120

■ 116.7690,
-12.4710, 0.2410

■ 124.1780, -6.3730,
-0.1410

■ 131.0000, -0.0000,
-0.0000

■ 137.8220, 6.3730,
0.1410

Harmonies

Analogous

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



68.9720, -64.6910, -11.5310



74.9510, -51.0300, -0.2940



84.8630, -18.0670, 13.5570

Triad

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



74.9510, -51.0300, -0.2940



85.0650, 36.9060, 13.9780



77.5940, -11.3210, -20.6090

Complementary

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



74.9510, -51.0300, -0.2940



82.0490, 51.0300, 0.2940

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.



81.2070, 11.8780, -17.0340



74.9510, -51.0300, -0.2940



84.5020, 36.6330, 2.4010

Square

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



74.9510, -51.0300, -0.2940



86.6050, 26.8180, 20.5940



82.8610, 27.8320, -8.8080



67.2230, -46.9450, -24.7770

Rectangle

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



74.9510, -51.0300, -0.2940



87.3060, -0.1410, 19.0830



82.8610, 27.8320, -8.8080



78.6120, -2.5640, -19.6200

Sweetspot

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



74.9510, -51.0300, -0.2940



148.7620, -19.7610, 0.1990



92.1950, -41.7150, -42.4750



73.6550, -12.1500, -0.0700



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



74.9510, -51.0300, -0.2940



83.2220, -79.5940, -0.2500



45.0140, -37.0050, 26.3790



63.0320, -3.0260, -0.2260



60.6060, -63.1800, -0.3640



1.5160, -1.5130, -0.1130

Inverse Universe

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



64.5770, 42.3570, 41.8530



67.2080, 66.2860, 65.2460



111.9860, 37.0050, -26.3790



62.2500, 2.2920, 2.5160



47.7620, 52.4420, 51.8180



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 74.9510, -51.0300, -0.2940 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 74.9510, -51.0300, -0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

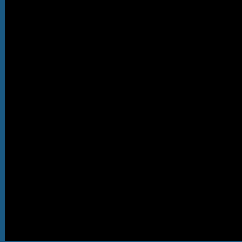
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.9510, -51.0300, -0.2940

Background



This preview shows how black text looks on a background with the YIQ color 74.9510, -51.0300, -0.2940.



This preview shows how white text looks on a background with the YIQ color 74.9510, -51.0300,

-0.2940.

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

74.9510, -51.0300, -0.2940

Protanopia

84.0150, -21.5510, 10.6170

Deuteranopia

81.9970, -30.3080, 9.6280

Trichromacy



Original Color

74.9510, -51.0300, -0.2940

Protanomaly

80.6330, -32.2790, 6.8010

Deuteranomaly

79.5830, -38.0100, 6.0380

Monochromacy



Original Color

74.9510, -51.0300, -0.2940

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8330, -18.5230, -0.2110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.9510, -51.0300, -0.2940 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(26, 89, 131)` looks like.

```
.text, #text, p{  
    color:rgb(26, 89, 131)  
}
```

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(26, 89, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 89, 131) }
```

Border

The CSS property to change the border of an element to YIQ 74.9510, -51.0300, -0.2940 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(26, 89, 131) }
```

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

```
.border{ border-color:rgb(26, 89, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 89, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 89, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 89, 131);  
box-shadow:4px 4px 4px 4px rgb(26, 89,  
131) }
```


Background

The CSS property to change the background color of an element to YIQ 74.9510, -51.0300, -0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 89, 131) }
```

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

```
.background{ background-color: rgb(26, 89,  
131) }
```

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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