

Converting Colors

YIQ(51.5990, -34.9390, 10.9570)

Have a look what the booklet for
YIQ(51.5990, -34.9390, 10.9570)
contains.

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Color

**YIQ(51.5990, -34.9390,
10.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	19366D
RGB	25, 54, 109
RGB Percent	10%, 21%, 43%
CMY	0.9020, 0.7882, 0.5727
CMYK	0.77, 0.50, 0.00, 0.57
HSL	219°, 63%, 26%
HSV	219°, 77%, 43%
XYZ	4.4783, 3.9492, 14.9812
YIQ	51.5990, -34.9390, 10.9570

Conversions

Conversions Part 2

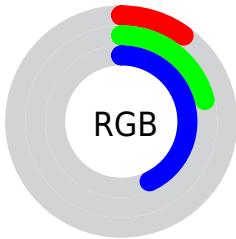
Format	Color
R_{YB}	25, 47, 109
Decimal	1652333
CIE _{Lab}	23.50, 10.32, -35.14
CIE _{LCh}	24, 36.626, 286.365
Yxy	3.9492, 0.1913, 0.1687
Android (android.graphics.Color)	4279842413 (0xFF19366D)
YUV	51.5990, 28.2987, -23.3273
Hunter-Lab	19.8725, 5.4479, -30.7858




Details

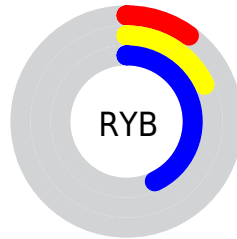
The YIQ color **51.5990, -34.9390, 10.9570** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **82.4010, 34.9390, -10.9570**, and the grayscale version is **51.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **101.2730, -30.9050, 14.9430**, and **12.8240, -22.3310, 13.7410** is the 20% darker color. If you saturate the color by 10%, you get **44.2010, -39.5700, 12.2860**, and if you desaturate by 10%, it is **58.9970, -30.3080, 9.6280**.

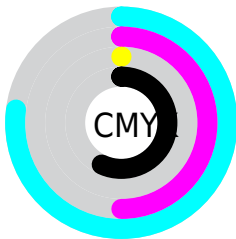
Distribution







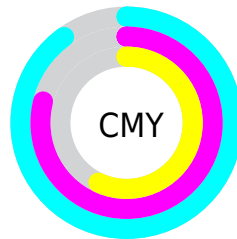
-  Red (10%)
-  Green (21%)
-  Blue (43%)






-  Red (10%)
-  Yellow (18%)
-  Blue (43%)



-  Cyan (77%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (90%)
-  Magenta (79%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.5990, -34.9390, 10.9570 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 51.5990, -34.9390, 10.9570 by changing the saturation by 10% instead.

■ 51.5990, -34.9390,
10.9570

■ 51.5990, -34.9390,
10.9570

■ 255.0000, -0.0000,
-0.0000

■ 28.9470, -36.0390,
8.8650

■ 101.2730,
-30.9050, 14.9430

■ 12.8240, -22.3310,
13.7410

■ 127.0990,
-30.3550, 15.9890

■ 6.0930, -13.0230,
10.2490

■ 153.6260,
-30.4010, 16.8230

■ 2.2970, -5.0900,
4.1420

■ 180.5660,
-30.1720, 18.1800

■ 0.0000, 0.0000,
0.0000

■ 206.5140,
-24.3940, 12.5820

■ 231.3220,

-15.4060, 3.8740

252.9070, -4.1720,
-1.4840

51.5990, -34.9390,
10.9570

51.5990, -34.9390,
10.9570

44.2010, -39.5700,
12.2860

58.9970, -30.3080,
9.6280

36.8030, -44.2010,
13.6150

66.3950, -25.6770,
8.2990

34.7320, -45.4390,
14.0250

73.7930, -21.0460,
6.9700

81.7780, -16.6900,
5.1180

88.8770, -12.6550,
3.5770

■ 96.2750, -8.0240,
2.2480

■ 103.6730, -3.3930,
0.9190

■ 111.0710, 1.2380,
-0.4100

■ 118.4690, 5.8690,
-1.7390

Harmonies

Analogous

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



49.4070, -52.3140, 0.9500



51.5990, -34.9390, 10.9570



57.5070, 3.8470, 23.9030

Triad

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



51.5990, -34.9390, 10.9570



53.2470, 41.9050, 5.9770



44.7040, -32.1820, -22.5020

Complementary

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



51.5990, -34.9390, 10.9570



82.4010, 34.9390, -10.9570

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.



45.7310, -10.4490, -25.4010



51.5990, -34.9390, 10.9570



52.9710, 33.3340, -9.4020

Square

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



51.5990, -34.9390, 10.9570



52.3200, 40.8020, 20.4660



51.0780, 16.5550, -19.1970



48.0100, -41.4910, -13.4830

Rectangle

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



51.5990, -34.9390, 10.9570



56.0700, 21.3150, 26.7150



51.0780, 16.5550, -19.1970



43.0910, -29.0180, -24.7780

Sweetspot

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



51.5990, -34.9390, 10.9570



120.2190, -13.6180, 4.5100



80.5780, -40.7550, -26.8270



57.3890, -8.3450, 2.5590



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



51.5990, -34.9390, 10.9570



53.0500, -55.0220, 16.9940



38.4630, -19.2160, 28.8800



49.8580, -2.4760, 0.8200



37.4050, -48.8320, 14.9440



77.8250, -102.0200, 31.7400

Inverse Universe

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



53.4220, 40.7550, 26.8270



55.7120, 63.9060, 42.2900



95.5370, 19.2160, -28.8800



50.0220, 2.9340, 1.8940



39.6570, 56.5710, 37.5550



82.9450, 118.7350, 78.3750

Previews

White Background



This preview shows how the YIQ color 51.5990, -34.9390, 10.9570 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 51.5990, -34.9390, 10.9570 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 51.5990, -34.9390, 10.9570

Background



This preview shows how black text looks on a background with the YIQ color 51.5990, -34.9390, 10.9570.



This preview shows how white text looks on a background with the YIQ color 51.5990, -34.9390,

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

51.5990, -34.9390, 10.9570

Protanopia

51.0010, -36.1310, 10.5330

Deuteranopia

44.8590, -47.7750, 1.2890



Tritanopia

44.0320, -38.5570, -11.5890

Trichromacy



Original Color

51.5990, -34.9390, 10.9570

Protanomaly

51.3000, -35.5350, 10.7450

Deuteranomaly

47.3050, -43.0990, 4.6530

Tritanomaly

46.6720, -37.1830, -3.4470

Monochromacy



Original Color

51.5990, -34.9390, 10.9570

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

51.9910, -12.9760, 3.8880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.5990, -34.9390, 10.9570 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(25, 54, 109)` looks like.

```
.text, #text, p{  
    color:rgb(25, 54, 109)  
}
```

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(25, 54, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 54, 109) }
```

Border

The CSS property to change the border of an element to YIQ 51.5990, -34.9390, 10.9570 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(25, 54, 109) }
```


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

```
.border{ border-color:rgb(25, 54, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 54, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 54, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 54, 109);  
box-shadow:4px 4px 4px 4px rgb(25, 54,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 51.5990, -34.9390, 10.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 54, 109) }
```

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

```
.background{ background-color: rgb(25, 54,  
109) }
```

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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