

Converting Colors

YIQ(34.3910, -29.0220, -2.6700)

Have a look what the booklet for
YIQ(34.3910, -29.0220, -2.6700)
contains.

YIQ(34.3910, -29.0220, -2.6700)	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(34.3910, -29.0220,
-2.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	052C3E
RGB	5, 44, 62
RGB Percent	2%, 17%, 24%
CMY	0.9805, 0.8274, 0.7570
CMYK	0.92, 0.29, 0.00, 0.76
HSL	199°, 85%, 13%
HSV	199°, 92%, 24%
XYZ	1.8322, 2.1822, 4.8773
YIQ	34.3910, -29.0220, -2.6700

Conversions

Conversions Part 2

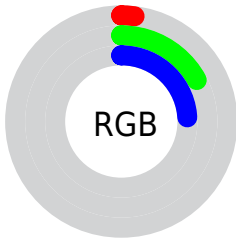
Format	Color
R_{YB}	5, 28, 62
Decimal	339006
CIE _{Lab}	16.42, -5.66, -15.14
CIE _{LCh}	16, 16.163, 249.513
Yxy	2.1822, 0.2061, 0.2454
Android (android.graphics.Color)	4278529086 (0xFF052C3E)
YUV	34.3910, 13.6112, -25.7759
Hunter-Lab	14.7721, -3.7115, -9.2353

Details

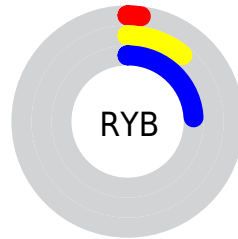
The YIQ color **34.3910, -29.0220, -2.6700** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **32.6090, 29.0220, 2.6700**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **82.1250, -25.2170, -0.0410**, and **2.7530, -6.3740, 5.3860** is the 20% darker color. If you saturate the color by 10%, you get **31.7220, -31.4520, -2.6840**, and if you desaturate by 10%, it is **37.3590, -25.9960, -2.4440**.

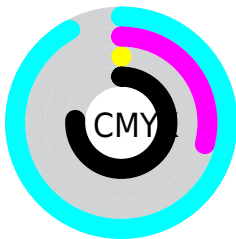
Distribution



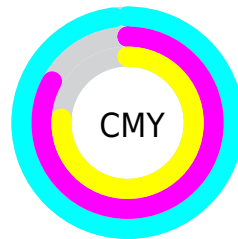
- Red (2%)
- Green (17%)
- Blue (24%)



- Red (2%)
- Yellow (11%)
- Blue (24%)



- Cyan (92%)
- Magenta (29%)
- Yellow (0%)
- Black (76%)



- Cyan (98%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.3910, -29.0220, -2.6700 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 34.3910, -29.0220, -2.6700 by changing the saturation by 10% instead.

■ 34.3910, -29.0220,
-2.6700

■ 34.3910, -29.0220,
-2.6700

■ 252.0100, -5.9600,
-2.1200

■ 18.6480, -19.4400,
-0.1120

■ 82.1250, -25.2170,
-0.0410

■ 2.7530, -6.3740,
5.3860

■ 106.8260,
-25.8130, -0.2530

■ 0.0000, 0.0000,
0.0000


■ 132.2390,
-25.5380, 0.2700


■ 158.9400,
-26.1340, 0.0580


■ 186.0540,
-26.4550, 0.3690


■ 213.7550,


-27.0510, 0.1570


 239.8170,
-21.5940, -5.1300


 34.3910, -29.0220,
-2.6700


 34.3910, -29.0220,
-2.6700


 31.7220, -31.4520,
-2.6840

 37.3590, -25.9960,
-2.4440

 40.3270, -22.9700,
-2.2180

 43.5940, -19.3480,
-1.7800

 46.5620, -16.3220,
-1.5540

 49.5300, -13.2960,
-1.3280

■ 52.4980, -10.2700,
-1.1020

■ 55.4660, -7.2440,
-0.8760

■ 58.7330, -3.6220,
-0.4380

■ 61.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



33.2720, -30.3050, -6.9530



34.3910, -29.0220, -2.6700



39.9200, -14.2140, 4.2980

Triad

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



34.3910, -29.0220, -2.6700



41.2520, 17.1460, 8.6500



37.9040, -0.0900, -9.3860

Complementary

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



34.3910, -29.0220, -2.6700



32.6090, 29.0220, 2.6700

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.



39.1610, 9.4920, -6.8280



34.3910, -29.0220, -2.6700



40.6880, 18.6140, 4.0700

Square

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



34.3910, -29.0220, -2.6700



42.2990, 9.7640, 10.2760



40.3300, 16.5060, -1.7820



35.7330, -12.7900, -10.5020

Rectangle

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



34.3910, -29.0220, -2.6700



41.5190, -5.5950, 7.7890



40.3300, 16.5060, -1.7820



38.2850, 3.2110, -8.6370

Sweetspot

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



34.3910, -29.0220, -2.6700



70.4270, -11.5080, -0.6920



40.3970, -21.1320, -24.5240



33.8790, -6.9690, -0.3530



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



34.3910, -29.0220, -2.6700



42.2200, -41.7220, -3.7860



17.9550, -21.3220, 11.9740



29.5160, -1.5130, -0.1130



48.8710, -48.0490, -4.7610



114.5320, -113.0620, -10.4540

Inverse Universe

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



26.4890, 21.4530, 24.2130



30.9020, 30.8960, 34.8000



49.0450, 21.3220, -11.9740



29.1250, 1.1460, 1.2580



35.5160, 35.1590, 40.1430



83.7060, 83.5200, 94.3360

Previews

White Background



This preview shows how the YIQ color 34.3910, -29.0220, -2.6700 looks on a white background.

Color Contrast Check

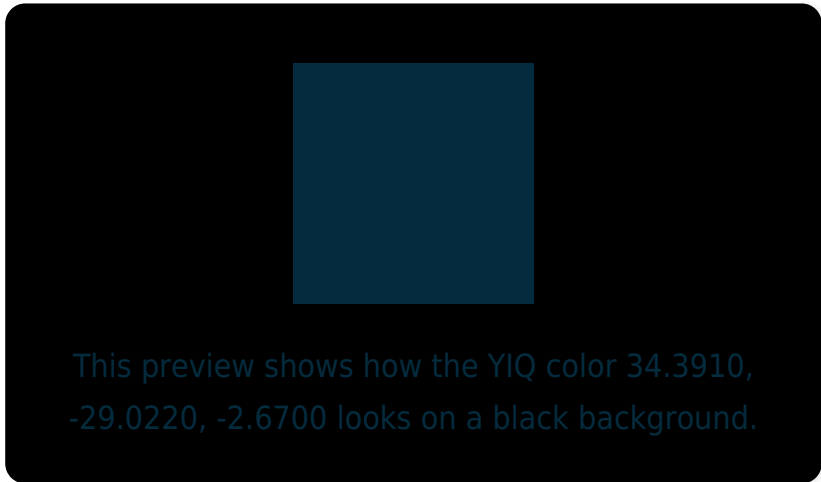
Large Text (above 18pt) WCAG AA ✓ Pass

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

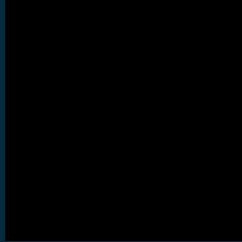
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.3910, -29.0220, -2.6700

Background



This preview shows how black text looks on a background with the YIQ color 34.3910, -29.0220, -2.6700.



This preview shows how white text looks on a background with the YIQ color 34.3910, -29.0220,

-2.6700.

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

34.3910, -29.0220, -2.6700

Protanopia

40.6710, -9.0790, 4.8490

Deuteranopia

40.5180, -13.0220, 4.7220



Tritanopia

32.5880, -28.3790, -8.8190

Trichromacy



Original Color

34.3910, -29.0220, -2.6700

Protanomaly

38.0830, -16.2310, 2.3050

Deuteranomaly

38.4140, -18.6610, 2.2910

Tritanomaly

33.1690, -28.5170, -6.3170

Monochromacy



Original Color

34.3910, -29.0220, -2.6700

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.1990, -10.8660, -1.3140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.3910, -29.0220, -2.6700 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(5, 44, 62)` looks like.

```
.text, #text, p{  
    color:rgb(5, 44, 62)  
}
```

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(5, 44, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 44, 62) }
```

Border

The CSS property to change the border of an element to YIQ 34.3910, -29.0220, -2.6700 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(5, 44, 62) }
```


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

```
.border{ border-color:rgb(5, 44, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 44, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 44, 62); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 44, 62); box-shadow:4px  
4px 4px 4px rgb(5, 44, 62) }
```

Background

The CSS property to change the background color of an element to YIQ 34.3910, -29.0220, -2.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 44, 62) }
```

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

```
.background{ background-color: rgb(5, 44,  
62) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor