

Converting Colors

YIQ(59.3700, -24.5290, -1.4970)

Have a look what the booklet for
YIQ(59.3700, -24.5290, -1.4970)
contains.

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Color

**YIQ(59.3700, -24.5290,
-1.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	234354
RGB	35, 67, 84
RGB Percent	14%, 26%, 33%
CMY	0.8628, 0.7372, 0.6707
CMYK	0.58, 0.20, 0.00, 0.67
HSL	201°, 41%, 23%
HSV	201°, 58%, 33%
XYZ	4.2997, 5.0126, 9.1226
YIQ	59.3700, -24.5290, -1.4970

Conversions

Conversions Part 2

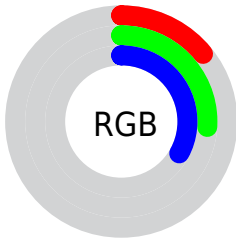
Format	Color
RYB	35, 54, 84
Decimal	2310996
CIELab	26.77, -6.20, -13.77
CIELCh	27, 15.104, 245.766
Yxy	5.0126, 0.2332, 0.2719
Android (android.graphics.Color)	4280501076 (0xFF234354)
YUV	59.3700, 12.1426, -21.3725
Hunter-Lab	22.3888, -4.9005, -8.4863

Details

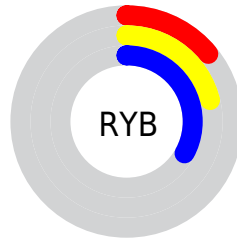
The YIQ color **59.3700, -24.5290, -1.4970** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **59.6300, 24.5290, 1.4970**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **107.8970, -24.5750, -0.6630**, and **19.1210, -19.3940, -0.9460** is the 20% darker color. If you saturate the color by 10%, you get **55.2170, -28.4720, -1.6240**, and if you desaturate by 10%, it is **63.5230, -20.5860, -1.3700**.

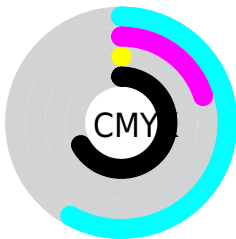
Distribution



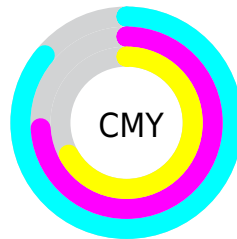
- Red (14%)
- Green (26%)
- Blue (33%)



- Red (14%)
- Yellow (21%)
- Blue (33%)



- Cyan (58%)
- Magenta (20%)
- Yellow (0%)
- Black (67%)



- Cyan (86%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.3700, -24.5290, -1.4970 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 59.3700, -24.5290, -1.4970 by changing the saturation by 10% instead.

■ 59.3700, -24.5290,
-1.4970

■ 59.3700, -24.5290,
-1.4970

■ 255.0000, -0.0000,
-0.0000

■ 35.7610, -27.1880,
-2.8680

■ 107.8970,
-24.5750, -0.6630

■ 19.1210, -19.3940,
-0.9460

■ 133.0110,
-24.8960, -0.3520

■ 2.6390, -6.0530,
5.0750

■ 159.7120,
-25.4920, -0.5640

■ 0.0000, 0.0000,
0.0000

■ 186.7120,
-25.4920, -0.5640

■ 214.5270,
-26.4090, -0.4650

■ 241.0020,

-20.6770, -5.2290

■ 252.3090, -5.3640,
-1.9080

■ 59.3700, -24.5290,
-1.4970

■ 59.3700, -24.5290,
-1.4970

■ 55.2170, -28.4720,
-1.6240

■ 63.5230, -20.5860,
-1.3700

■ 50.7650, -33.0110,
-1.9630

■ 67.9750, -16.0470,
-1.0310

■ 46.6120, -36.9540,
-2.0900

■ 72.1280, -12.1040,
-0.9040

■ 42.1600, -41.4930,
-2.4290

■ 76.5800, -7.5650,
-0.5650

■ 41.8610, -42.0890,
-2.6410

■ 80.7330, -3.6220,
-0.4380

■ 84.2990, 0.5960,
0.2120

■ 88.7510, 5.1350,
0.5510

■ 92.9040, 9.0780,
0.6780

■ 97.3560, 13.6170,
1.0170

Harmonies

Analogous

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



56.9410, -27.8750, -6.9390



59.3700, -24.5290, -1.4970



62.6210, -14.8100, 4.0860

Triad

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



59.3700, -24.5290, -1.4970



64.9530, 16.5500, 8.4380



61.3880, 1.4230, -9.2730

Complementary

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



59.3700, -24.5290, -1.4970



59.6300, 24.5290, 1.4970

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.



62.1720, 10.9590, -5.8810



59.3700, -24.5290, -1.4970



63.9870, 19.2100, 4.2820

Square

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



59.3700, -24.5290, -1.4970



65.1140, 8.8470, 10.3750



63.1560, 17.0560, -0.7360



59.4020, -10.3600, -10.4880

Rectangle

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



59.3700, -24.5290, -1.4970



64.2200, -6.1910, 7.5770



63.1560, 17.0560, -0.7360



61.7690, 4.7240, -8.5240

Sweetspot

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



59.3700, -24.5290, -1.4970



99.9110, -9.9950, -0.5790



65.5870, -18.6110, -20.6510



50.0640, -6.0520, -0.4520



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



59.3700, -24.5290, -1.4970



71.1280, -38.4670, -2.2030



45.2820, -17.9290, 11.0550



38.6300, -1.8340, 0.1980



51.8860, -52.4050, -2.9090



115.6720, -116.2720, -7.3440

Inverse Universe

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



53.2990, 18.9320, 20.3400



61.7230, 29.8420, 31.8740



73.7180, 17.9290, -11.0550



38.4240, 1.7420, 1.4700



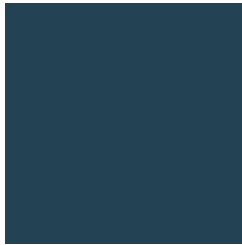
39.1470, 40.7520, 43.4080



86.6960, 89.4800, 96.4560

Previews

White Background



This preview shows how the YIQ color 59.3700, -24.5290, -1.4970 looks on a white background.

Color Contrast Check

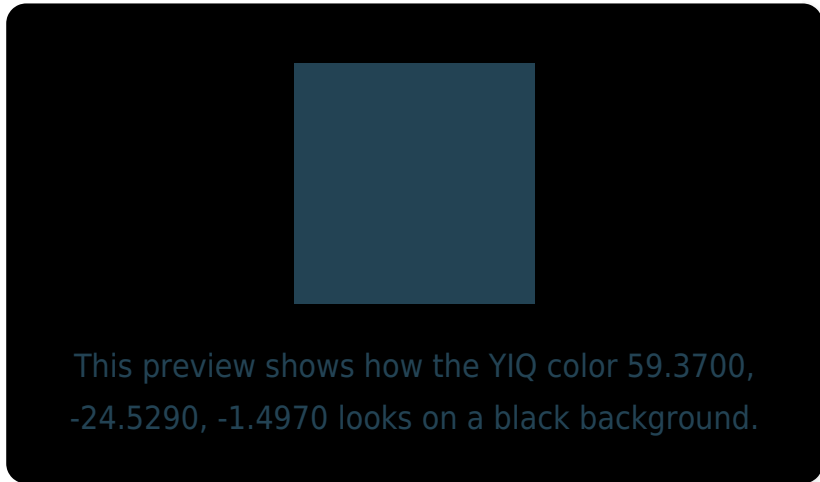
Large Text (above 18pt) WCAG AA ✓ Pass

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

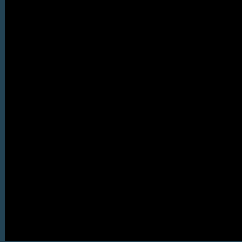
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.3700, -24.5290, -1.4970

Background



This preview shows how black text looks on a background with the YIQ color 59.3700, -24.5290, -1.4970.



This preview shows how white text looks on a background with the YIQ color 59.3700, -24.5290,

-1.4970.

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

59.3700, -24.5290, -1.4970

Protanopia

63.2690, -7.8870, 5.2730

Deuteranopia

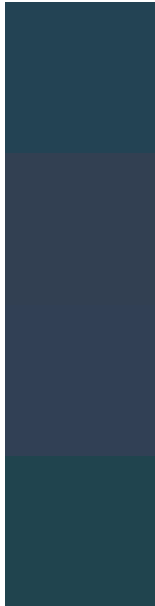
63.1270, -10.3630, 6.0930



Tritanopia

58.2080, -24.2530, -6.5010

Trichromacy



Original Color

59.3700, -24.5290, -1.4970

Protanomaly

61.8660, -14.1220, 2.6300

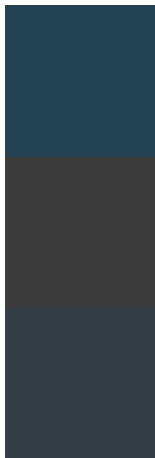
Deuteranomaly

61.9090, -15.6810, 3.3510

Tritanomaly

58.3760, -24.6660, -4.5220

Monochromacy



Original Color

59.3700, -24.5290, -1.4970

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.0960, -9.0780, -0.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.3700, -24.5290, -1.4970 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(35, 67, 84)` looks like.

```
.text, #text, p{  
    color:rgb(35, 67, 84)  
}
```

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(35, 67, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 67, 84) }
```

Border

The CSS property to change the border of an element to YIQ 59.3700, -24.5290, -1.4970 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(35, 67, 84) }
```


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

```
.border{ border-color:rgb(35, 67, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 67, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 67, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 67, 84);  
box-shadow:4px 4px 4px 4px rgb(35, 67, 84)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.3700, -24.5290, -1.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 67, 84) }
```

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

```
.background{ background-color: rgb(35, 67,  
84) }
```

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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