

Converting Colors

YIQ(53.1740, -26.9130, -2.3450)

Have a look what the booklet for
YIQ(53.1740, -26.9130, -2.3450)
contains.

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Color

**YIQ(53.1740, -26.9130,
-2.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	1A3E4F
RGB	26, 62, 79
RGB Percent	10%, 24%, 31%
CMY	0.8981, 0.7568, 0.6903
CMYK	0.67, 0.21, 0.00, 0.69
HSL	199°, 50%, 21%
HSV	199°, 67%, 31%
XYZ	3.5591, 4.2303, 8.0202
YIQ	53.1740, -26.9130, -2.3450

Conversions

Conversions Part 2

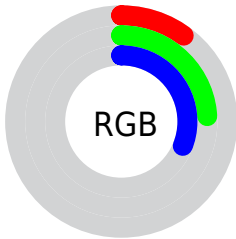
Format	Color
R_{YB}	26, 47, 79
Decimal	1719887
CIE _{Lab}	24.42, -6.94, -14.15
CIE _{LCh}	24, 15.761, 243.872
Yxy	4.2303, 0.2251, 0.2676
Android (android.graphics.Color)	4279909967 (0xFF1A3E4F)
YUV	53.1740, 12.7322, -23.8316
Hunter-Lab	20.5678, -5.1052, -8.7223

Details

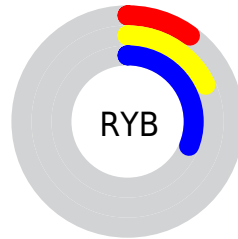
The YIQ color **53.1740, -26.9130, -2.3450** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **51.8260, 26.9130, 2.3450**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.2990, -25.7670, -1.0870**, and **15.7300, -16.7350, 0.4250** is the 20% darker color. If you saturate the color by 10%, you get **49.0210, -30.8560, -2.4720**, and if you desaturate by 10%, it is **57.3270, -22.9700, -2.2180**.

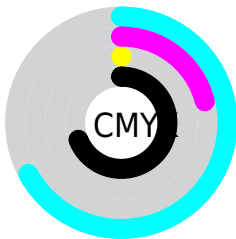
Distribution



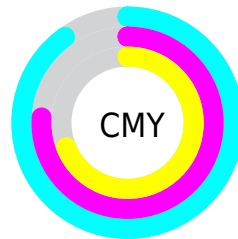
- Red (10%)
- Green (24%)
- Blue (31%)



- Red (10%)
- Yellow (18%)
- Blue (31%)



- Cyan (67%)
- Magenta (21%)
- Yellow (0%)
- Black (69%)



- Cyan (90%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.1740, -26.9130, -2.3450 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 53.1740, -26.9130, -2.3450 by changing the saturation by 10% instead.

■ 53.1740, -26.9130,
-2.3450

■ 53.1740, -26.9130,
-2.3450

■ 255.0000, -0.0000,
-0.0000

■ 29.8640, -28.9760,
-3.5040

■ 101.2990,
-25.7670, -1.0870

■ 15.7300, -16.7350,
0.4250

■ 127.0000,
-26.3630, -1.2990

■ 1.2540, -3.5310,
3.4210

■ 153.1140,
-26.6840, -0.9880

■ 0.0000, 0.0000,
0.0000

■ 179.9290,
-27.6010, -0.8890

■ 207.9290,
-27.6010, -0.8890

■ 234.7890,

-24.3910, -3.9990

■ 249.6180,
-10.7280, -3.8160

■ 53.1740, -26.9130,
-2.3450

■ 53.1740, -26.9130,
-2.3450

■ 49.0210, -30.8560,
-2.4720

■ 57.3270, -22.9700,
-2.2180

■ 45.4550, -35.0740,
-3.1220

■ 60.8930, -18.7520,
-1.5680

■ 41.3020, -39.0170,
-3.2490

■ 65.0460, -14.8090,
-1.4410

■ 40.7040, -40.2090,
-3.6730

■ 68.6120, -10.5910,
-0.7910

■ 72.4660, -7.2440,
-0.8760

■ 76.0320, -3.0260,
-0.2260

■ 80.1850, 0.9170,
-0.0990

■ 83.7510, 5.1350,
0.5510

■ 87.9040, 9.0780,
0.6780

Harmonies

Analogous

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



50.4460, -30.8550, -7.9990



53.1740, -26.9130, -2.3450



57.0230, -16.0020, 3.6620

Triad

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



53.1740, -26.9130, -2.3450



59.4800, 16.5040, 9.2720



55.6870, 2.0190, -9.0610

Complementary

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



53.1740, -26.9130, -2.3450



51.8260, 26.9130, 2.3450

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.



57.3570, 11.8760, -5.9800



53.1740, -26.9130, -2.3450



58.6990, 20.0810, 5.0170

Square

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



53.1740, -26.9130, -2.3450



59.9290, 7.9300, 10.4740



58.3410, 17.9730, -0.8350



54.2880, -10.0390, -10.7990

Rectangle

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



53.1740, -26.9130, -2.3450



58.7360, -7.7040, 7.4640



58.3410, 17.9730, -0.8350



56.0680, 5.3200, -8.3120

Sweetspot

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



53.1740, -26.9130, -2.3450



91.9110, -9.9950, -0.5790



59.0490, -20.0320, -22.4320



45.0640, -6.0520, -0.4520



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



53.1740, -26.9130, -2.3450



61.9210, -42.3180, -3.9980



37.9120, -19.7630, 11.2530



36.2170, -2.1090, -0.3250



52.1310, -51.7170, -4.3650



117.7920, -116.7300, -10.0580

Inverse Universe

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



45.9510, 20.0320, 22.4320



50.3150, 31.1710, 35.3230



67.0880, 19.7630, -11.2530



35.5380, 1.4210, 1.7810



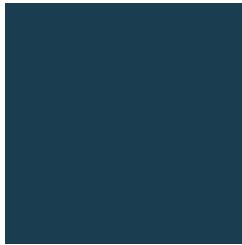
38.3640, 38.6430, 43.0830



86.5540, 87.0040, 97.2760

Previews

White Background



This preview shows how the YIQ color 53.1740, -26.9130, -2.3450 looks on a white background.

Color Contrast Check

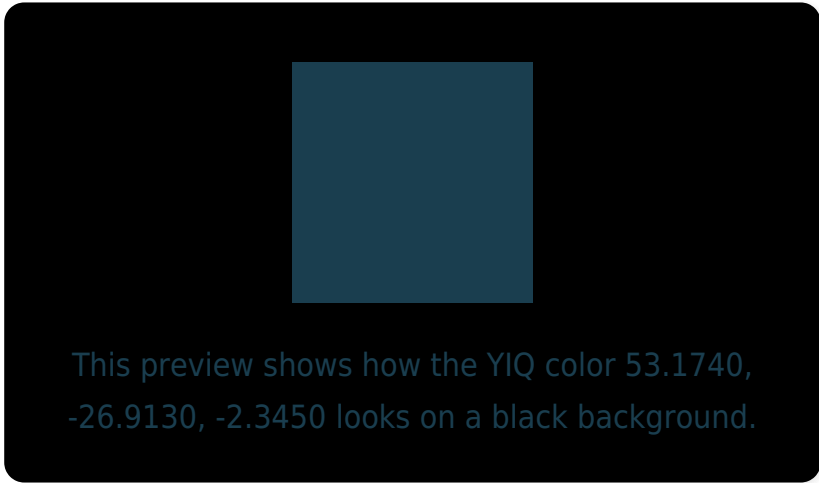
Large Text (above 18pt) WCAG AA ✓ Pass

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

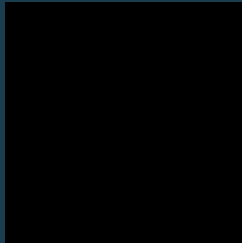
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.1740, -26.9130, -2.3450

Background



This preview shows how black text looks on a background with the YIQ color 53.1740, -26.9130, -2.3450.



This preview shows how white text looks on a background with the YIQ color 53.1740, -26.9130,

-2.3450.

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

53.1740, -26.9130, -2.3450

Protanopia

57.8560, -8.1620, 4.7500

Deuteranopia

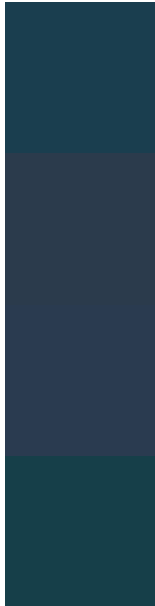
57.8280, -10.9590, 5.8810



Tritanopia

51.4140, -27.8290, -7.7730

Trichromacy



Original Color

53.1740, -26.9130, -2.3450

Protanomaly

56.1540, -14.9930, 1.8950

Deuteranomaly

56.3110, -16.8730, 2.9270

Tritanomaly

51.8810, -27.6460, -5.5820

Monochromacy



Original Color

53.1740, -26.9130, -2.3450

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.7970, -9.6740, -0.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.1740, -26.9130, -2.3450 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, 62, 79)` looks like.

```
.text, #text, p{  
    color:rgb(26, 62, 79)  
}
```

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, 62, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 62, 79) }
```

Border

The CSS property to change the border of an element to YIQ 53.1740, -26.9130, -2.3450 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, 62, 79) }
```


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

```
.border{ border-color:rgb(26, 62, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 62, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 62, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 62, 79);  
box-shadow:4px 4px 4px 4px rgb(26, 62, 79)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.1740, -26.9130, -2.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 62, 79) }
```

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

```
.background{ background-color: rgb(26, 62,  
79) }
```

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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