

Converting Colors

YIQ(54.1700, -39.4260,
-23.3780)

Have a look what the booklet for
YIQ(54.1700, -39.4260, -23.3780)
contains.

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Color

**YIQ(54.1700, -39.4260,
-23.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	02503A
RGB	2, 80, 58
RGB Percent	1%, 31%, 23%
CMY	0.9923, 0.6861, 0.7727
CMYK	0.98, 0.00, 0.28, 0.69
HSL	163°, 95%, 16%
HSV	163°, 98%, 31%
XYZ	3.6583, 6.0598, 4.9751
YIQ	54.1700, -39.4260, -23.3780

Conversions

Conversions Part 2

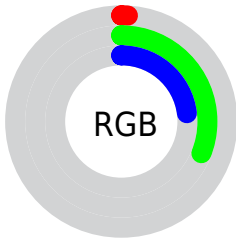
Format	Color
R_{YB}	2, 47, 80
Decimal	151610
CIE _{Lab}	29.56, -27.57, 7.06
CIE _{LCh}	30, 28.463, 165.647
Yxy	6.0598, 0.2490, 0.4124
Android (android.graphics.Color)	4278341690 (0xFF02503A)
YUV	54.1700, 1.8882, -45.7531
Hunter-Lab	24.6167, -16.5525, 5.2490

Details

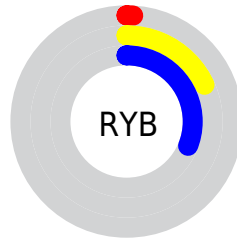
The YIQ color **54.1700, -39.4260, -23.3780** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **27.8300, 39.4260, 23.3780**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1170, -31.9070, -21.9790**, and **22.3690, -14.7610, -13.3290** is the 20% darker color. If you saturate the color by 10%, you get **53.4580, -40.2970, -24.1130**, and if you desaturate by 10%, it is **56.7900, -35.3000, -21.0600**.

Distribution



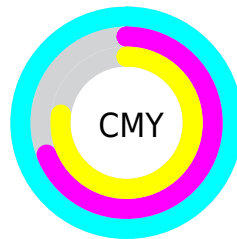
- Red (1%)
- Green (31%)
- Blue (23%)



- Red (1%)
- Yellow (18%)
- Blue (31%)



- Cyan (98%)
- Magenta (0%)
- Yellow (28%)
- Black (69%)



- Cyan (99%)
- Magenta (69%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.1700, -39.4260, -23.3780 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 54.1700, -39.4260, -23.3780 by changing the saturation by 10% instead.

■ 54.1700, -39.4260,
-23.3780

■ 54.1700, -39.4260,
-23.3780

■ 255.0000, -0.0000,
-0.0000

■ 37.5630, -27.2310,
-18.6150

■ 107.1170,
-31.9070, -21.9790

■ 22.2550, -14.4400,
-13.6400

■ 133.0030,
-31.5860, -22.2900

■ 0.0000, 0.0000,
0.0000


■ 159.8890,
-31.2650, -22.6010


■ 187.4760,
-31.5400, -23.1240


■ 215.7640,
-32.4110, -23.8590


■ 236.1330,


-28.8360, -17.0600


 246.6280,
-16.6880, -5.9360


 54.1700, -39.4260,
-23.3780


 54.1700, -39.4260,
-23.3780


 53.4580, -40.2970,
-24.1130

 56.7900, -35.3000,
-21.0600

 59.4100, -31.1740,
-18.7420

 62.1440, -27.3690,
-16.1130

 64.7640, -23.2430,
-13.7950

 67.3840, -19.1170,
-11.4770

■ 70.1180, -15.3120,
-8.8480

■ 72.7380, -11.1860,
-6.5300

■ 75.3580, -7.0600,
-4.2120

■ 77.9780, -2.9340,
-1.8940

Harmonies

Analogous

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



63.2850, -5.9570, -18.7010



54.1700, -39.4260, -23.3780



56.7810, -48.2760, -17.1720

Triad

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



54.1700, -39.4260, -23.3780



68.5310, -23.0640, 10.5040



69.5990, 34.9820, 4.7900

Complementary

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



54.1700, -39.4260, -23.3780



27.8300, 39.4260, 23.3780

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.



69.8520, 33.1920, 15.2080



54.1700, -39.4260, -23.3780



71.8610, 2.6100, 18.7860

Square

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



54.1700, -39.4260, -23.3780



56.7930, -56.5770, -4.3930



71.1530, 22.2790, 20.2550



68.3280, 28.0150, -6.6170

Rectangle

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



54.1700, -39.4260, -23.3780



57.7900, -52.4950, -12.2950



71.1530, 22.2790, 20.2550



69.1200, 35.0730, 8.6490

Sweetspot

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



54.1700, -39.4260, -23.3780



94.7050, -15.5870, -9.3710



54.3640, -8.3380, -36.1300



47.6350, -9.3980, -5.8940



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



54.1700, -39.4260, -23.3780



70.1850, -52.9500, -31.5900



46.6990, -41.8130, -7.6450



39.6900, -2.0630, -1.1590



155.1080, -117.0860, -69.7100

Inverse Universe

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



27.8300, 39.4260, 23.3780



34.8150, 52.9500, 31.5900



35.3010, 41.8130, 7.6450



38.3100, 2.0630, 1.1590



76.8920, 117.0860, 69.7100

Previews

White Background



This preview shows how the YIQ color 54.1700, -39.4260, -23.3780 looks on a white background.

Color Contrast Check

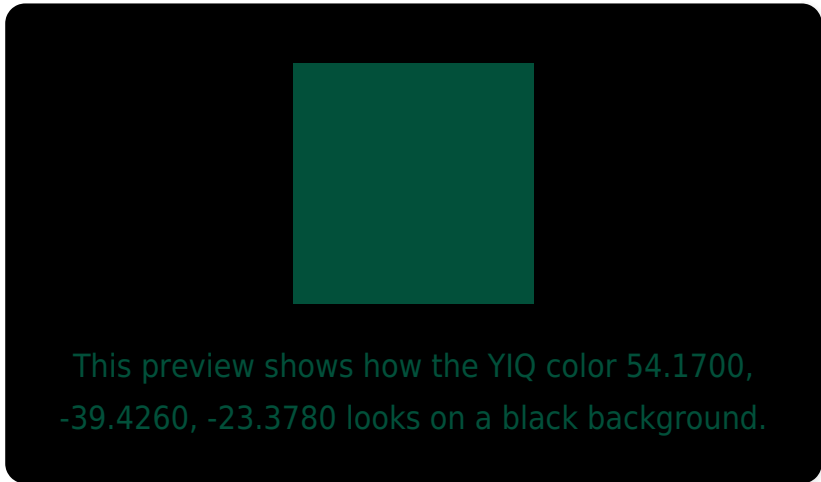
Large Text (above 18pt) WCAG AA ✓ Pass

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

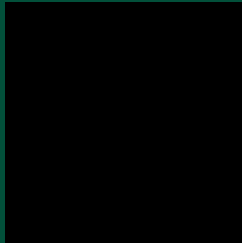
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.1700, -39.4260, -23.3780

Background



This preview shows how black text looks on a background with the YIQ color 54.1700, -39.4260, -23.3780.



This preview shows how white text looks on a background with the YIQ color 54.1700, -39.4260,

-23.3780.

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

54.1700, -39.4260, -23.3780

Protanopia

69.5570, 8.4370, -4.2270

Deuteranopia

70.2030, 9.6740, 0.8900



Tritanopia

62.4350, -32.3220, -8.9460

Trichromacy



Original Color

54.1700, -39.4260, -23.3780

Protanomaly

64.0600, -9.3970, -11.4210

Deuteranomaly

64.6520, -8.0680, -7.9720

Tritanomaly

59.3050, -35.0720, -14.1760

Monochromacy



Original Color

54.1700, -39.4260, -23.3780

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.7160, -14.1200, -8.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.1700, -39.4260, -23.3780 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(2, 80, 58)` looks like.

```
.text, #text, p{  
    color:rgb(2, 80, 58)  
}
```

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(2, 80, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 80, 58) }
```

Border

The CSS property to change the border of an element to YIQ 54.1700, -39.4260, -23.3780 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(2, 80, 58) }
```

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

```
.border{ border-color:rgb(2, 80, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 80, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 80, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 80, 58); box-shadow:4px  
4px 4px 4px rgb(2, 80, 58) }
```

Background

The CSS property to change the background color of an element to YIQ 54.1700, -39.4260, -23.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 80, 58) }
```

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

```
.background{ background-color: rgb(2, 80,  
58) }
```

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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