

Converting Colors

YIQ(59.4080, -19.6650,
-23.5770)

Have a look what the booklet for
YIQ(59.4080, -19.6650, -23.5770)
contains.

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Color

**YIQ(59.4080, -19.6650,
-23.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	1A5029
RGB	26, 80, 41
RGB Percent	10%, 31%, 16%
CMY	0.8982, 0.6862, 0.8393
CMYK	0.68, 0.00, 0.49, 0.69
HSL	137°, 51%, 21%
HSV	137°, 68%, 31%
XYZ	3.6953, 6.1197, 3.0832
YIQ	59.4080, -19.6650, -23.5770

Conversions

Conversions Part 2

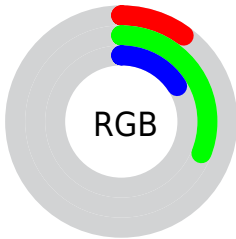
Format	Color
R_{YB}	26, 68, 80
Decimal	1724457
CIE _{Lab}	29.71, -27.65, 17.86
CIE _{LCh}	30, 32.915, 147.149
Yxy	6.1197, 0.2865, 0.4745
Android (android.graphics.Color)	4279914537 (0xFF1A5029)
YUV	59.4080, -9.0751, -29.2988
Hunter-Lab	24.7381, -16.6276, 9.9272




Details

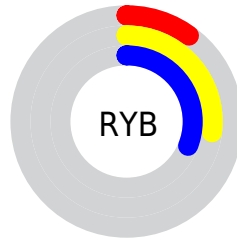
The YIQ color **59.4080, -19.6650, -23.5770** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **46.5920, 19.6650, 23.5770**, and the grayscale version is **60.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **108.9520, -18.3810, -24.8210**, and **20.5450, -9.6250, -18.3050** is the 20% darker color. If you saturate the color by 10%, you get **56.3320, -22.5070, -27.1390**, and if you desaturate by 10%, it is **62.4840, -16.8230, -20.0150**.

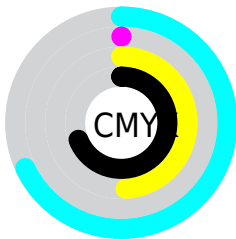
Distribution







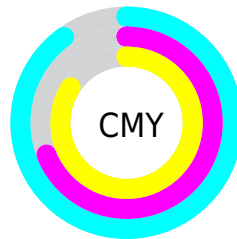
-  Red (10%)
-  Green (31%)
-  Blue (16%)






-  Red (10%)
-  Yellow (27%)
-  Blue (31%)



-  Cyan (68%)
-  Magenta (0%)
-  Yellow (49%)
-  Black (69%)



-  Cyan (90%)
-  Magenta (69%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.4080, -19.6650, -23.5770 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 59.4080, -19.6650, -23.5770 by changing the saturation by 10% instead.

■ 59.4080, -19.6650,
-23.5770

■ 59.4080, -19.6650,
-23.5770

■ 255.0000, -0.0000,
-0.0000

■ 35.7390, -22.0950,
-23.5910

■ 108.9520,
-18.3810, -24.8210

■ 20.5450, -9.6250,
-18.3050

■ 134.7240,
-17.7390, -25.4430

■ 0.0000, 0.0000,
0.0000

■ 161.3110,
-18.0140, -25.9660

■ 188.4850,
-18.5640, -27.0120

■ 216.4850,
-18.5640, -27.0120

■ 237.3270,

-14.9430, -21.0470

■ 249.3040, -6.9680,
-5.8800

■ 59.4080, -19.6650,
-23.5770

■ 59.4080, -19.6650,
-23.5770

■ 56.3320, -22.5070,
-27.1390

■ 62.4840, -16.8230,
-20.0150

■ 53.2560, -25.3490,
-30.7010

■ 65.5600, -13.9810,
-16.4530

■ 50.2940, -28.5120,
-33.9520

■ 68.5220, -10.8180,
-13.2020

■ 49.4680, -29.0620,
-34.9980

■ 71.5980, -7.9760,
-9.6400

■ 74.6740, -5.1340,
-6.0780

■ 77.7500, -2.2920,
-2.5160

■ 80.7120, 0.8710,
0.7350

■ 83.7880, 3.7130,
4.2970

■ 86.8640, 6.5550,
7.8590

Harmonies

Analogous

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



64.6580, 8.9900, -19.7620



59.4080, -19.6650, -23.5770



55.7720, -44.0570, -22.0490

Triad

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



59.4080, -19.6650, -23.5770



57.2320, -59.1910, -1.0710



68.9190, 40.2530, 13.8930

Complementary

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



59.4080, -19.6650, -23.5770



46.5920, 19.6650, 23.5770

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.



70.4100, 31.8610, 22.8130



59.4080, -19.6650, -23.5770



70.5260, -15.5000, 16.5960

Square

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



59.4080, -19.6650, -23.5770



59.7280, -57.9520, -7.0080



72.4710, 12.6960, 23.2240



68.5190, 37.9630, 0.3230

Rectangle

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



59.4080, -19.6650, -23.5770



57.7100, -49.5140, -16.7620



72.4710, 12.6960, 23.2240



68.9560, 38.8310, 17.6390

Sweetspot

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



59.4080, -19.6650, -23.5770



96.8970, -7.3800, -9.4280



69.6580, 8.9900, -19.7620



48.9730, -4.5380, -5.8660



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.



59.4080, -19.6650, -23.5770



72.5170, -30.7580, -37.3020



62.3720, -28.0110, -15.4910



39.4620, -1.4210, -1.7810



64.9410, -38.1840, -45.8960



143.5940, -84.6650, -101.1210

Inverse Universe

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



46.5920, 19.6650, 23.5770



52.3690, 31.0790, 36.9910



43.6280, 28.0110, 15.4910



38.5380, 1.4210, 1.7810



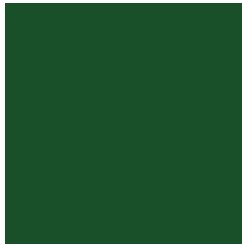
39.9450, 38.5050, 45.5850



88.5200, 84.3440, 101.4320

Previews

White Background



This preview shows how the YIQ color 59.4080, -19.6650, -23.5770 looks on a white background.

Color Contrast Check

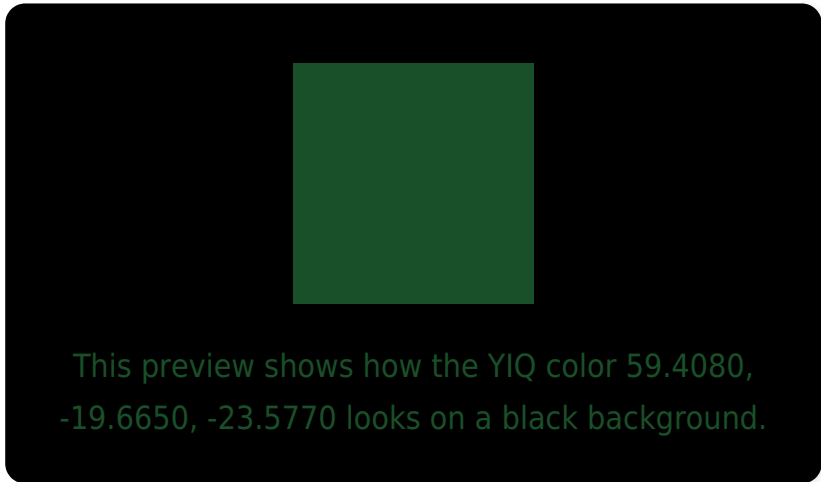
Large Text (above 18pt) WCAG AA ✓ Pass

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

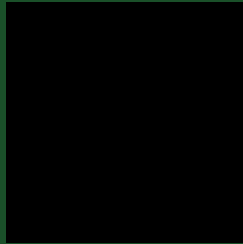
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.4080, -19.6650, -23.5770

Background



This preview shows how black text looks on a background with the YIQ color 59.4080, -19.6650, -23.5770.



This preview shows how white text looks on a background with the YIQ color 59.4080, -19.6650,

-23.5770.

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

59.4080, -19.6650, -23.5770

Protanopia

68.3310, 14.7650, -8.7790

Deuteranopia

69.4610, 17.5150, -3.5490



Tritanopia

65.6210, -23.9780, -5.9780

Trichromacy



Original Color

59.4080, -19.6650, -23.5770

Protanomaly

65.1120, 2.0200, -14.5880

Deuteranomaly

66.0030, 3.9450, -10.9270

Tritanomaly

63.0030, -22.4180, -12.2260

Monochromacy



Original Color

59.4080, -19.6650, -23.5770

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.3100, -7.1050, -8.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.4080, -19.6650, -23.5770 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, 80, 41)` looks like.

```
.text, #text, p{  
    color:rgb(26, 80, 41)  
}
```

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, 80, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 80, 41) }
```

Border

The CSS property to change the border of an element to YIQ 59.4080, -19.6650, -23.5770 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, 80, 41) }
```


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

```
.border{ border-color:rgb(26, 80, 41) }
```

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

Here you see how a box with a 4 pixel rgb(26, 80, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 80, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 80, 41);  
box-shadow:4px 4px 4px 4px rgb(26, 80, 41)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.4080, -19.6650, -23.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 80, 41) }
```

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

```
.background{ background-color: rgb(26, 80,  
41) }
```

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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