

Converting Colors

YIQ(180.1980, 32.1510,
-59.5690)

Have a look what the booklet for
YIQ(180.1980, 32.1510, -59.5690)
contains.

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Color

**YIQ(180.1980, 32.1510,
-59.5690)**

Conversions

Conversions Part 1

Format	Color
Hex	AED22B
RGB	174, 210, 43
RGB Percent	68%, 82%, 17%
CMY	0.3178, 0.1764, 0.8311
CMYK	0.17, 0.00, 0.79, 0.18
HSL	73°, 66%, 50%
HSV	73°, 79%, 82%
XYZ	40.9323, 55.2685, 10.8023
YIQ	180.1980, 32.1510, -59.5690

Conversions

Conversions Part 2

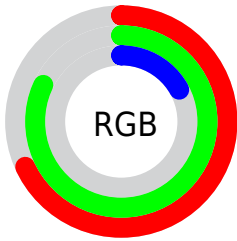
Format	Color
RYB	43, 210, 79
Decimal	11457067
CIELab	79.20, -32.74, 71.54
CIElCh	79, 78.680, 114.592
Yxy	55.2685, 0.3825, 0.5165
Android (android.graphics.Color)	4289647147 (0xFFAED22B)
YUV	180.1980, -67.6386, -5.4356
Hunter-Lab	74.3428, -31.8198, 43.4248

Details

The YIQ color **180.1980, 32.1510, -59.5690** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle washed chartreuse. A complement of this color would be **72.8020, -32.1510, 59.5690**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **231.2080, 35.3590, -51.6250**, and **125.9680, 27.1070, -56.2610** is the 20% darker color. If you saturate the color by 10%, you get **176.3090, 35.9120, -67.1600**, and if you desaturate by 10%, it is **183.7880, 27.7940, -52.1900**.

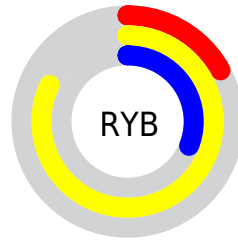
Distribution



Red (68%)

Green (82%)

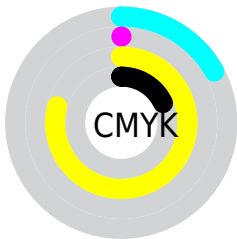
Blue (17%)



Red (17%)

Yellow (82%)

Blue (31%)

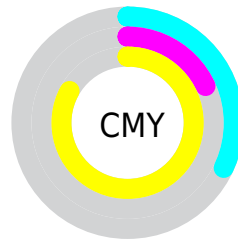


Cyan (17%)

Magenta (0%)

Yellow (79%)

Black (18%)



Cyan (32%)

Magenta (18%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.1980, 32.1510, -59.5690 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 180.1980, 32.1510, -59.5690 by changing the saturation by 10% instead.

■ 180.1980, 32.1510,
-59.5690

■ 180.1980, 32.1510,
-59.5690

■ 255.0000, -0.0000,
-0.0000

■ 150.1890, 36.3700,
-64.4460

■ 231.2080, 35.3590,
-51.6250

■ 125.9680, 27.1070,
-56.2610

■ 240.9780, 39.4830,
-38.2530

■ 102.3340, 17.5690,
-48.5990

■ 244.2840, 30.1740,
-29.2340

■ 79.2870, 7.7560,
-41.4600

■ 247.4760, 21.1860,
-20.5260

■ 56.2290, -3.5240,
-35.2680

■ 250.7820, 11.8770,
-11.5070

■ 32.8720, -15.4000,
-29.2880

■ 254.2020, 2.2470,

■ 21.1320, -9.9000,

-2.1770

-18.8280

■ 0.0000, 0.0000,
0.0000

■ 180.1980, 32.1510,
-59.5690

■ 180.1980, 32.1510,
-59.5690

■ 176.3090, 35.9120,
-67.1600

■ 183.7880, 27.7940,
-52.1900

■ 172.7190, 40.2690,
-74.5390

■ 187.6770, 24.0330,
-44.5990

■ 172.6050, 40.5900,
-74.8500

■ 191.5660, 20.2720,
-37.0080

■ 195.1560, 15.9150,
-29.6290

■ 199.0450, 12.1540,
-22.0380

■ 202.6350, 7.7970,
-14.6590

■ 206.5240, 4.0360,
-7.0680

■ 210.1140, -0.3210,
0.3110

■ 214.0030, -4.0820,
7.9020

Harmonies

Analogous

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



186.0480, 86.0200, -39.1320



180.1980, 32.1510, -59.5690



163.6160, -54.2270, -69.0350

Triad

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



180.1980, 32.1510, -59.5690



160.5580, -143.4550, -37.8470



173.9020, 49.2320, 54.9280

Complementary

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



180.1980, 32.1510, -59.5690



72.8020, -32.1510, 59.5690

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.



192.7780, 29.1500, 55.4380



180.1980, 32.1510, -59.5690



151.7530, -139.3300, -30.0020

Square

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



180.1980, 32.1510, -59.5690



164.0800, -145.1050, -40.9850



187.0330, -29.9890, 20.3710



169.1020, 71.0150, 29.0870

Rectangle

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



180.1980, 32.1510, -59.5690



151.5060, -112.4550, -71.0390



187.0330, -29.9890, 20.3710



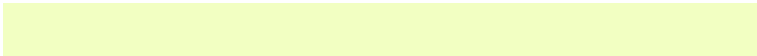
180.1600, 39.8780, 59.2540

Sweetspot

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



180.1980, 32.1510, -59.5690



244.1590, 11.8330, -21.7270



112.3040, 90.4570, 18.1450



121.3900, 7.1090, -13.2030



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



180.1980, 32.1510, -59.5690



211.8640, 46.6900, -86.2860



155.9790, -16.1250, -76.7410



102.8490, 1.7430, -4.0570



138.0840, 32.4720, -59.8800



33.6350, 7.7970, -14.6590

Inverse Universe

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



72.8020, -32.1510, 59.5690



56.1360, -46.6900, 86.2860



97.0210, 16.1250, 76.7410



95.8520, -2.3390, 3.8450



29.9160, -32.4720, 59.8800



7.3650, -7.7970, 14.6590

Previews

White Background



This preview shows how the YIQ color 180.1980, 32.1510, -59.5690 looks on a white 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

Black Background



This preview shows how the YIQ color 180.1980, 32.1510, -59.5690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

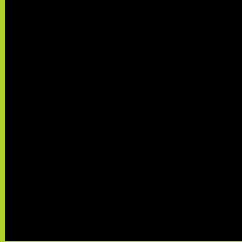
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.1980, 32.1510, -59.5690

Background



This preview shows how black text looks on a background with the YIQ color 180.1980, 32.1510, -59.5690.



This preview shows how white text looks on a background with the YIQ color 180.1980, 32.1510,

-59.5690.

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

180.1980, 32.1510, -59.5690

Protanopia

185.2780, 64.7010, -43.7390

Deuteranopia

188.7070, 77.2150, -28.2330



Tritanopia

195.9160, -8.3910, 3.3930

Trichromacy



Original Color

180.1980, 32.1510, -59.5690

Protanomaly

183.2440, 52.8730, -49.6470

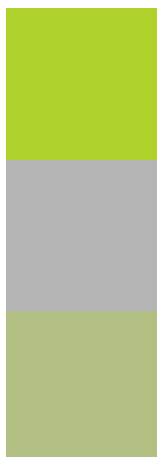
Deuteranomaly

185.7600, 60.5280, -39.6960

Tritanomaly

190.1030, 6.2390, -19.4650

Monochromacy



Original Color

180.1980, 32.1510, -59.5690

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.1590, 11.8330, -21.7270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.1980, 32.1510, -59.5690 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(174, 210, 43)` looks like.

```
.text, #text, p{  
    color:rgb(174, 210, 43)  
}
```

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(174, 210, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 210, 43) }
```

Border

The CSS property to change the border of an element to YIQ 180.1980, 32.1510, -59.5690 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(174, 210, 43) }
```


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

```
.border{ border-color:rgb(174, 210, 43) }
```

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

Here you see how a box with a 4 pixel rgb(174, 210, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 210, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 210, 43);  
box-shadow:4px 4px 4px 4px rgb(174, 210,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 180.1980, 32.1510, -59.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 210, 43) }
```

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

```
.background{ background-color: rgb(174,  
210, 43) }
```

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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