

Converting Colors

YIQ(156.4690, 29.9500,
-58.2260)

Have a look what the booklet for
YIQ(156.4690, 29.9500, -58.2260)
contains.

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Color

**YIQ(156.4690, 29.9500,
-58.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	95BA18
RGB	149, 186, 24
RGB Percent	58%, 73%, 9%
CMY	0.4159, 0.2705, 0.9056
CMYK	0.20, 0.00, 0.87, 0.27
HSL	74°, 77%, 41%
HSV	74°, 87%, 73%
XYZ	30.1132, 41.5754, 7.3053
YIQ	156.4690, 29.9500, -58.2260

Conversions

Conversions Part 2

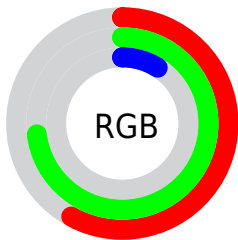
Format	Color
R _{YB}	24, 186, 61
Decimal	9812504
CIE Lab	70.58, -32.32, 68.00
CIE LCh	71, 75.291, 115.419
Yxy	41.5754, 0.3812, 0.5263
Android (android.graphics.Color)	4288002584 (0xFF95BA18)
YUV	156.4690, -65.3072, -6.5503
Hunter-Lab	64.4790, -29.4745, 38.4179

Details

The YIQ color **156.4690, 29.9500, -58.2260** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **53.5310, -29.9500, 58.2260**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **213.9790, 28.5740, -55.3140**, and **105.8780, 18.8530, -49.8430** is the 20% darker color. If you saturate the color by 10%, you get **153.1070, 33.6650, -64.9830**, and if you desaturate by 10%, it is **159.8310, 26.2350, -51.4690**.

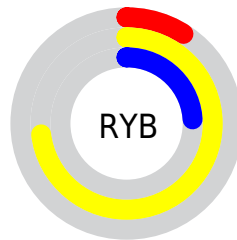
Distribution



Red (58%)

Green (73%)

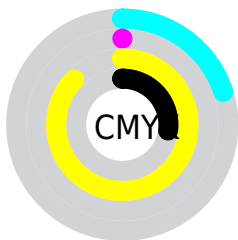
Blue (9%)



Red (9%)

Yellow (73%)

Blue (24%)

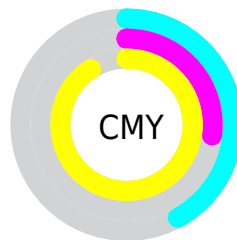


Cyan (20%)

Magenta (0%)

Yellow (87%)

Black (27%)



Cyan (42%)

Magenta (27%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.4690, 29.9500, -58.2260 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 156.4690, 29.9500, -58.2260 by changing the saturation by 10% instead.

■ 156.4690, 29.9500,
-58.2260

■ 156.4690, 29.9500,
-58.2260

■ 255.0000, -0.0000,
-0.0000

■ 129.5120, 28.3910,
-57.5050

■ 213.9790, 28.5740,
-55.3140

■ 105.8780, 18.8530,
-49.8430

■ 233.4730, 33.2950,
-47.2570

■ 82.5430, 9.9110,
-41.9690

■ 242.3460, 35.6310,
-34.5210

■ 59.7840, -0.7730,
-35.5650

■ 245.6520, 26.3220,
-25.5020

■ 34.9320, -15.6290,
-30.6450

■ 248.8440, 17.3340,
-16.7940

■ 22.3060, -10.4500,
-19.8740

■ 252.2640, 7.7040,

■ 2.3480, -1.1000,

-7.4640

-2.0920

■ 0.0000, 0.0000,
0.0000

■ 156.4690, 29.9500,
-58.2260

■ 156.4690, 29.9500,
-58.2260

■ 153.1070, 33.6650,
-64.9830

■ 159.8310, 26.2350,
-51.4690

■ 151.9390, 34.0780,
-66.9620

■ 163.0790, 22.8410,
-45.0230

■ 166.7400, 19.7220,
-38.0540

■ 169.9880, 16.3280,
-31.6080

■ 173.3500, 12.6130,
-24.8510

■ 176.7120, 8.8980,
-18.0940

■ 180.2590, 6.1000,
-11.4360

■ 183.6210, 2.3850,
-4.6790

■ 186.8690, -1.0090,
1.7670

Harmonies

Analogous

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



161.7270, 82.4900, -41.2380



156.4690, 29.9500, -58.2260



138.4460, -59.5000, -67.0840

Triad

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



156.4690, 29.9500, -58.2260



145.2960, -136.3050, -24.2490



158.4970, 63.6740, 57.5140

Complementary

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



156.4690, 29.9500, -58.2260



53.5310, -29.9500, 58.2260

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.



176.4180, 30.5240, 63.5800



156.4690, 29.9500, -58.2260



137.0780, -132.4550, -16.9270

Square

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



156.4690, 29.9500, -58.2260



145.9680, -129.9300, -35.1620



167.5520, -35.5840, 28.1600



154.2670, 83.8520, 33.2280

Rectangle

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



156.4690, 29.9500, -58.2260



134.0780, -99.2060, -63.3500



167.5520, -35.5840, 28.1600



164.0540, 54.9160, 62.0520

Sweetspot

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



156.4690, 29.9500, -58.2260



230.6320, 11.8790, -22.5610



92.9830, 86.9270, 16.0390



115.2760, 7.4300, -13.5140



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



156.4690, 29.9500, -58.2260



197.9670, 44.9020, -86.9220



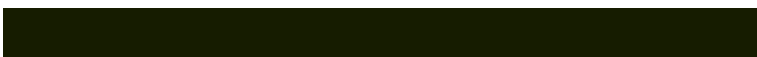
132.8480, -17.1340, -74.9740



90.3760, 1.6970, -3.2230



127.4520, 28.6200, -56.1480



23.0140, 5.4120, -9.9800

Inverse Universe

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



53.5310, -29.9500, 58.2260



44.0330, -44.9020, 86.9220



77.1520, 17.1340, 74.9740



84.6240, -1.6970, 3.2230



28.5480, -28.6200, 56.1480



4.9860, -5.4120, 9.9800

Previews

White Background



This preview shows how the YIQ color 156.4690, 29.9500, -58.2260 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 156.4690, 29.9500, -58.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

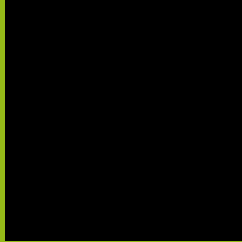
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.4690, 29.9500, -58.2260

Background



This preview shows how black text looks on a background with the YIQ color 156.4690, 29.9500, -58.2260.



This preview shows how white text looks on a background with the YIQ color 156.4690, 29.9500,

-58.2260.

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

156.4690, 29.9500, -58.2260

Protanopia

161.8370, 61.6290, -43.1310

Deuteranopia

165.1240, 71.6670, -26.8050



Tritanopia

171.9050, -9.8580, 2.4460

Trichromacy



Original Color

156.4690, 29.9500, -58.2260

Protanomaly

160.1020, 50.3970, -48.8270

Deuteranomaly

161.6610, 56.4930, -38.1550

Tritanomaly

166.6190, 4.7260, -19.5780

Monochromacy



Original Color

156.4690, 29.9500, -58.2260

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.0880, 10.5950, -21.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.4690, 29.9500, -58.2260 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(149, 186, 24)` looks like.

```
.text, #text, p{  
    color:rgb(149, 186, 24)  
}
```

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(149, 186, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 186, 24) }
```

Border

The CSS property to change the border of an element to YIQ 156.4690, 29.9500, -58.2260 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(149, 186, 24) }
```


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

```
.border{ border-color:rgb(149, 186, 24) }
```

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

Here you see how a box with a 4 pixel rgb(149, 186, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 186, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 186, 24);  
box-shadow:4px 4px 4px 4px rgb(149, 186,  
24) }
```

Background

The CSS property to change the background color of an element to YIQ 156.4690, 29.9500, -58.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 186, 24) }
```

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

```
.background{ background-color: rgb(149,  
186, 24) }
```

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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