

Converting Colors

YIQ(159.8490, 0.6020, -32.9500)

Have a look what the booklet for
YIQ(159.8490, 0.6020, -32.9500)
contains.

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Color

**YIQ(159.8490, 0.6020,
-32.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB567
RGB	140, 181, 103
RGB Percent	55%, 71%, 40%
CMY	0.4511, 0.2901, 0.5960
CMYK	0.23, 0.00, 0.43, 0.29
HSL	92°, 35%, 56%
HSV	92°, 43%, 71%
XYZ	29.7853, 39.6065, 18.9111
YIQ	159.8490, 0.6020, -32.9500

Conversions

Conversions Part 2

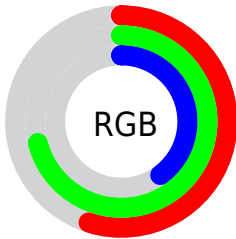
Format	Color
RYB	103, 181, 144
Decimal	9221479
CIELab	69.19, -27.57, 35.29
CIELCh	69, 44.783, 128.002
Yxy	39.6065, 0.3373, 0.4485
Android (android.graphics.Color)	4287411559 (0xFF8CB567)
YUV	159.8490, -28.0266, -17.4076
Hunter-Lab	62.9337, -25.6534, 26.2373

Details

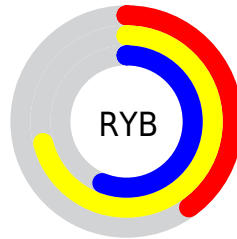
The YIQ color **159.8490, 0.6020, -32.9500** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **124.1510, -0.6020, 32.9500**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.0940, 1.2900, -34.4060**, and **107.6040, -0.0860, -31.4940** is the 20% darker color. If you saturate the color by 10%, you get **154.8070, 0.4200, -40.6680**, and if you desaturate by 10%, it is **164.5920, 0.1880, -25.4440**.

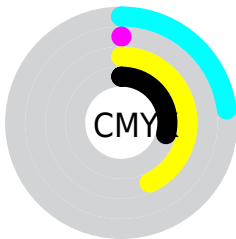
Distribution



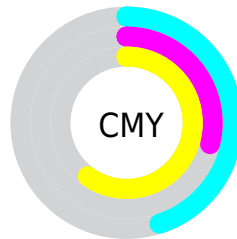
- Red (55%)
- Green (71%)
- Blue (40%)



- Red (40%)
- Yellow (71%)
- Blue (56%)



- Cyan (23%)
- Magenta (0%)
- Yellow (43%)
- Black (29%)



- Cyan (45%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.8490, 0.6020, -32.9500 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 159.8490, 0.6020, -32.9500 by changing the saturation by 10% instead.

 159.8490, 0.6020,
-32.9500


 159.8490, 0.6020,
-32.9500


255.0000, -0.0000,
-0.0000


 133.3760, 0.5560,
-32.1160

 215.0940, 1.2900,
-34.4060


 107.6040, -0.0860,
-31.4940


 237.1100, 4.3610,
-29.4870


 82.7180, -0.4070,
-31.1830

 248.9730, 12.6570,
-14.6310

 57.4900, 0.2350,
-31.8050

 253.1760, 5.1360,
-4.9760

 36.1720, -7.3770,
-26.0090

 19.9580, -9.3500,
-17.7820

 0.0000, 0.0000,

0.0000

■ 159.8490, 0.6020,
-32.9500

■ 159.8490, 0.6020,
-32.9500

■ 154.8070, 0.4200,
-40.6680

■ 164.5920, 0.1880,
-25.4440

■ 150.0640, 0.8340,
-48.1740

■ 169.6340, 0.3700,
-17.7260

■ 145.0220, 0.6520,
-55.8920

■ 174.6760, 0.5520,
-10.0080

■ 140.2790, 1.0660,
-63.3980

■ 179.4190, 0.1380,
-2.5020

■ 135.2370, 0.8840,
-71.1160

■ 184.5750, -0.0010,
5.5270

■ 131.9610, 1.4810,
-76.4310

■ 189.3180, -0.4150,
13.0330

■ 194.3600, -0.2330,
20.7510

■ 199.1030, -0.6470,
28.2570

■ 202.8910, 3.0660,
32.5540

Harmonies

Analogous

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



164.6100, 35.3080, -23.1560



159.8490, 0.6020, -32.9500



151.6880, -44.4210, -37.4850

Triad

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



159.8490, 0.6020, -32.9500



133.9490, -127.7780, -19.0900



171.5120, 58.1770, 30.4730

Complementary

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



159.8490, 0.6020, -32.9500



124.1510, -0.6020, 32.9500

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.



173.7390, 32.9130, 36.7930



159.8490, 0.6020, -32.9500



164.3660, -53.0960, 15.1280

Square

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



159.8490, 0.6020, -32.9500



135.2080, -121.6780, -30.5260



172.8730, -5.6910, 31.5650



169.2070, 65.7450, 14.4570

Rectangle

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



159.8490, 0.6020, -32.9500



137.5160, -90.9110, -42.9670



172.8730, -5.6910, 31.5650



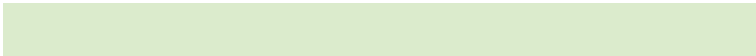
171.9120, 51.2990, 33.9790

Sweetspot

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



159.8490, 0.6020, -32.9500



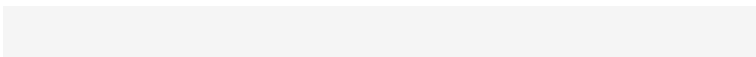
226.6820, 0.4150, -13.0330



149.8020, 35.4880, -4.3840



111.9580, -0.1820, -7.7180



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



159.8490, 0.6020, -32.9500



201.6570, 0.4220, -51.7220



148.9000, -21.7710, -40.4830



86.7780, 0.5050, -3.6470



111.3390, 0.8370, -64.7550



18.8500, 0.0020, -11.0540

Inverse Universe

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



124.1510, -0.6020, 32.9500



146.0440, -1.0180, 51.5100



135.1000, 21.7710, 40.4830



82.5210, 0.0910, 3.8590



41.6610, -0.8370, 64.7550



6.8510, -0.5980, 10.8420

Previews

White Background



This preview shows how the YIQ color 159.8490, 0.6020, -32.9500 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 159.8490, 0.6020, -32.9500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

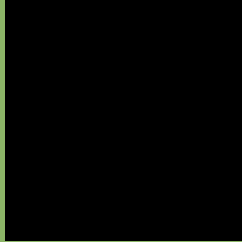
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.8490, 0.6020, -32.9500

Background



This preview shows how black text looks on a background with the YIQ color 159.8490, 0.6020, -32.9500.



This preview shows how white text looks on a background with the YIQ color 159.8490, 0.6020,

-32.9500.

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

159.8490, 0.6020, -32.9500

Protanopia

165.1030, 32.6020, -18.1660

Deuteranopia

167.5160, 42.0450, -7.5790



Tritanopia

166.9150, -15.8180, 0.3260

Trichromacy



Original Color

159.8490, 0.6020, -32.9500

Protanomaly

163.4820, 21.0490, -23.5510

Deuteranomaly

164.5200, 27.0540, -16.7380

Tritanomaly

164.6470, -9.6720, -11.9440

Monochromacy



Original Color

159.8490, 0.6020, -32.9500

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.2090, 0.3690, -12.1990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.8490, 0.6020, -32.9500 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(140, 181, 103)` looks like.

```
.text, #text, p{  
    color:rgb(140, 181, 103)  
}
```

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(140, 181, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 181, 103) }
```

Border

The CSS property to change the border of an element to YIQ 159.8490, 0.6020, -32.9500 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(140, 181, 103) }
```


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

```
.border{ border-color:rgb(140, 181, 103) }
```

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

Here you see how a box with a 4 pixel rgb(140, 181, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 181, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 181, 103);  
box-shadow:4px 4px 4px 4px rgb(140, 181,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 159.8490, 0.6020, -32.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 181, 103) }
```

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

```
.background{ background-color: rgb(140,  
181, 103) }
```

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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