

Converting Colors

YIQ(122.0590, 9.5390, -13.1890)

Have a look what the booklet for
YIQ(122.0590, 9.5390, -13.1890)
contains.

YIQ(122.0590, 9.5390, -13.1890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(122.0590, 9.5390,
-13.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8059
RGB	123, 128, 89
RGB Percent	48%, 50%, 35%
CMY	0.5177, 0.4980, 0.6509
CMYK	0.04, 0.00, 0.30, 0.50
HSL	68°, 18%, 43%
HSV	68°, 30%, 50%
XYZ	17.6904, 20.3707, 12.4546
YIQ	122.0590, 9.5390, -13.1890

Conversions

Conversions Part 2

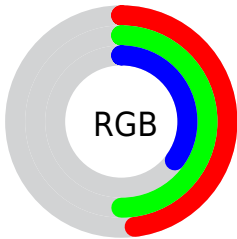
Format	Color
RYB	89, 128, 94
Decimal	8093785
CIELab	52.25, -8.72, 20.59
CIELCh	52, 22.364, 112.952
Yxy	20.3707, 0.3502, 0.4033
Android (android.graphics.Color)	4286283865 (0xFF7B8059)
YUV	122.0590, -16.2981, 0.8253
Hunter-Lab	45.1339, -9.0206, 15.2328

Details

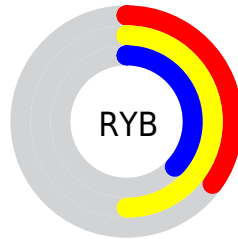
The YIQ color $122.0590, 9.5390, -13.1890$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $94.9410, -9.5390, 13.1890$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $174.7170, 10.5020, -14.1220$, and $73.4010, 8.5760, -12.2560$ is the 20% darker color. If you saturate the color by 10%, you get $119.9790, 12.5200, -17.6560$, and if you desaturate by 10%, it is $124.1390, 6.5580, -8.7220$.

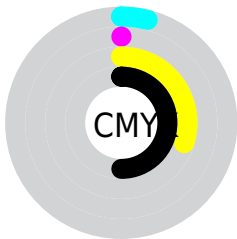
Distribution



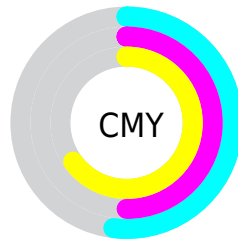
- Red (48%)
- Green (50%)
- Blue (35%)



- Red (35%)
- Yellow (50%)
- Blue (37%)



- Cyan (4%)
- Magenta (0%)
- Yellow (30%)
- Black (50%)
















- Cyan (52%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.0590, 9.5390, -13.1890 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 122.0590, 9.5390, -13.1890 by changing the saturation by 10% instead.

 122.0590, 9.5390, -13.1890	 122.0590, 9.5390, -13.1890
255.0000, -0.0000, -0.0000	 97.1730, 9.2180, -12.8780
 174.7170, 10.5020, -14.1220	 73.4010, 8.5760, -12.2560
 202.0160, 11.0980, -13.9100	 50.2160, 7.6590, -12.1570
 230.4890, 11.1440, -14.7440	 29.5150, 8.2550, -11.9450
 251.1240, 10.9140, -10.5740	 8.2180, -3.8500, -7.3220
 254.4300, 1.6050, -1.5550	 0.0000, 0.0000, 0.0000

■ 122.0590, 9.5390,
-13.1890

■ 122.0590, 9.5390,
-13.1890

■ 119.9790, 12.5200,
-17.6560

■ 124.1390, 6.5580,
-8.7220

■ 118.1980, 16.0970,
-21.9110

■ 125.9200, 2.9810,
-4.4670

■ 116.2320, 18.7570,
-26.0670

■ 127.8860, 0.3210,
-0.3110

■ 114.1520, 21.7380,
-30.5340

■ 129.9660, -2.6600,
4.1560

■ 112.3710, 25.3150,
-34.7890

■ 131.7470, -6.2370,
8.4110

■ 110.2910, 28.2960,
-39.2560

■ 133.8270, -9.2180,
12.8780

■ 108.6240, 31.5520,
-43.2000

■ 135.9070,
-12.1990, 17.3450

■ 137.5740,

-15.4550, 21.2890

■ 139.6540,
-18.4360, 25.7560

Harmonies

Analogous

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



124.2890, 23.7510, -6.4330



122.0590, 9.5390, -13.1890



119.7840, -8.8000, -16.7360

Triad

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



122.0590, 9.5390, -13.1890



116.9700, -44.0140, -6.3020



127.5180, 22.5090, 16.0850

Complementary

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



122.0590, 9.5390, -13.1890



94.9410, -9.5390, 13.1890

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.



127.7320, 7.2870, 16.6230



122.0590, 9.5390, -13.1890



121.7100, -31.1780, 3.3660

Square

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



122.0590, 9.5390, -13.1890



114.8250, -42.4080, -13.3840



125.4460, -12.5190, 12.1290



126.5480, 30.9920, 11.0240

Rectangle

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



122.0590, 9.5390, -13.1890



117.2540, -21.8670, -16.7070



125.4460, -12.5190, 12.1290



127.8920, 18.5200, 16.7920

Sweetspot

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



122.0590, 9.5390, -13.1890



163.6920, 3.6230, -5.0890



103.5960, 21.8690, 5.6530



82.6750, 2.2930, -3.0110



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



122.0590, 9.5390, -13.1890



156.5400, 15.1340, -20.9780



116.3780, -1.7850, -17.2170



62.9030, 1.6510, -2.3890



108.3250, 30.9560, -43.4120



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.9410, -9.5390, 13.1890



113.4600, -15.1340, 20.9780



100.6220, 1.7850, 17.2170



58.0970, -1.6510, 2.3890



19.3760, -31.5520, 43.2000



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 122.0590, 9.5390, -13.1890 looks on a white background.

Color Contrast Check

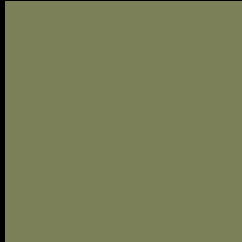
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.0590, 9.5390, -13.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

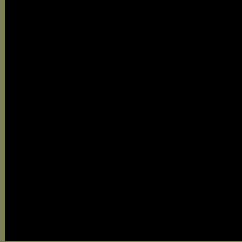
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

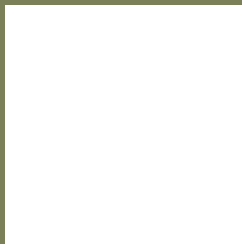
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.0590, 9.5390, -13.1890

Background



This preview shows how black text looks on a background with the YIQ color 122.0590, 9.5390, -13.1890.



This preview shows how white text looks on a background with the YIQ color 122.0590, 9.5390,

-13.1890.

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

122.0590, 9.5390, -13.1890

Protanopia

122.8860, 17.5160, -9.0760

Deuteranopia

124.1800, 25.6760, -2.7720



Tritanopia

125.2330, 0.9620, 4.5940

Trichromacy



Original Color

122.0590, 9.5390, -13.1890

Protanomaly

122.2770, 14.8570, -10.4470

Deuteranomaly

123.1360, 19.8080, -6.5600

Tritanomaly

123.9850, 4.3560, -1.8520

Monochromacy



Original Color

122.0590, 9.5390, -13.1890

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.8060, 3.3020, -4.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.0590, 9.5390, -13.1890 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(123, 128, 89)` looks like.

```
.text, #text, p{  
    color:rgb(123, 128, 89)  
}
```

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(123, 128, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 128, 89) }
```

Border

The CSS property to change the border of an element to YIQ 122.0590, 9.5390, -13.1890 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(123, 128, 89) }
```


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

```
.border{ border-color:rgb(123, 128, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 128, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 128, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 128, 89);  
box-shadow:4px 4px 4px 4px rgb(123, 128,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 122.0590, 9.5390, -13.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 128, 89) }
```

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

```
.background{ background-color: rgb(123,  
128, 89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor