

Converting Colors

YIQ(155.0910, 6.5130, -13.4150)

Have a look what the booklet for
YIQ(155.0910, 6.5130, -13.4150)
contains.

YIQ(155.0910, 6.5130, -13.4150)	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(155.0910, 6.5130,
-13.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	99A27D
RGB	153, 162, 125
RGB Percent	60%, 64%, 49%
CMY	0.4000, 0.3647, 0.5097
CMYK	0.06, 0.00, 0.23, 0.36
HSL	75°, 17%, 56%
HSV	75°, 23%, 64%
XYZ	29.7583, 34.0942, 24.4191
YIQ	155.0910, 6.5130, -13.4150

Conversions

Conversions Part 2

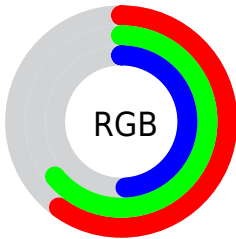
Format	Color
RYB	125, 162, 134
Decimal	10068605
CIELab	65.04, -9.78, 18.21
CIElCh	65, 20.669, 118.250
Yxy	34.0942, 0.3371, 0.3862
Android (android.graphics.Color)	4288258685 (0xFF99A27D)
YUV	155.0910, -14.8349, -1.8338
Hunter-Lab	58.3902, -11.2113, 16.0778

Details

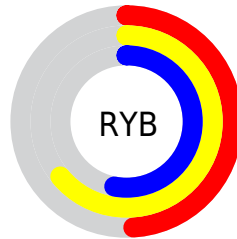
The YIQ color **155.0910, 6.5130, -13.4150** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **131.9090, -6.5130, 13.4150**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8630, 7.1550, -14.0370**, and **103.7320, 6.1460, -12.2700** is the 20% darker color. If you saturate the color by 10%, you get **152.0710, 9.2650, -19.2390**, and if you desaturate by 10%, it is **158.1110, 3.7610, -7.5910**.

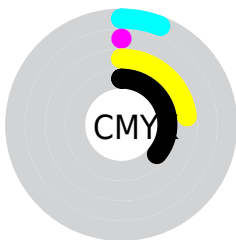
Distribution



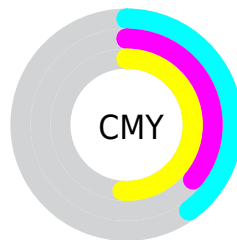
- Red (60%)
- Green (64%)
- Blue (49%)



- Red (49%)
- Yellow (64%)
- Blue (53%)



- Cyan (6%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.0910, 6.5130, -13.4150 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 155.0910, 6.5130, -13.4150 by changing the saturation by 10% instead.

■ 155.0910, 6.5130,
-13.4150

■ 155.0910, 6.5130,
-13.4150

■ 255.0000, -0.0000,
-0.0000

■ 129.2050, 6.1920,
-13.1040

■ 209.8630, 7.1550,
-14.0370

■ 103.7320, 6.1460,
-12.2700

■ 237.7490, 7.4760,
-14.3480

■ 79.5470, 5.2290,
-12.1710

■ 252.6060, 6.7410,
-6.5310

■ 56.6610, 4.9080,
-11.8600

■ 34.9600, 5.5040,
-11.6480

■ 13.2240, -3.9870,
-10.3470

■ 0.0000, 0.0000,

0.0000

■ 155.0910, 6.5130,
-13.4150

■ 155.0910, 6.5130,
-13.4150

■ 152.0710, 9.2650,
-19.2390

■ 158.1110, 3.7610,
-7.5910

■ 149.0510, 12.0170,
-25.0630

■ 161.1310, 1.0090,
-1.7670

■ 145.9170, 15.0900,
-31.1980

■ 164.2650, -2.0640,
4.3680

■ 142.8970, 17.8420,
-37.0220

■ 167.2850, -4.8160,
10.1920

■ 139.8770, 20.5940,
-42.8460

■ 170.3050, -7.5680,
16.0160

■ 136.8570, 23.3460,
-48.6700

■ 173.3250,
-10.3200, 21.8400

■ 133.8370, 26.0980,
-54.4940

■ 176.3450,
-13.0720, 27.6640

■ 131.8710, 28.7580,
-58.6500

■ 179.4790,
-16.1450, 33.7990

■ 180.6750,
-13.7610, 34.6470

Harmonies

Analogous

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



157.0930, 21.3670, -7.2810



155.0910, 6.5130, -13.4150



152.6420, -11.2760, -15.9160

Triad

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



155.0910, 6.5130, -13.4150



152.4870, -38.1000, -3.3480



161.0620, 23.7930, 14.8410

Complementary

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



155.0910, 6.5130, -13.4150



131.9090, -6.5130, 13.4150

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.



161.2870, 10.0380, 16.3260



155.0910, 6.5130, -13.4150



156.4010, -25.8140, 5.2740

Square

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



155.0910, 6.5130, -13.4150



150.2600, -39.1990, -10.9670



159.3110, -7.7050, 12.9910



160.3800, 31.4050, 9.0450

Rectangle

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



155.0910, 6.5130, -13.4150



151.2970, -23.4260, -15.9860



159.3110, -7.7050, 12.9910



160.8490, 20.0790, 16.0710

Sweetspot

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



155.0910, 6.5130, -13.4150



209.0940, 2.4310, -5.5130



141.3460, 19.5770, 3.1370



105.4900, 1.3760, -2.9120



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



155.0910, 6.5130, -13.4150



201.3160, 9.9530, -20.6950



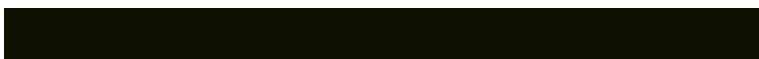
149.7090, -4.2150, -17.2310



80.3760, 1.6970, -3.2230



118.0050, 25.6850, -52.5150



14.4530, 2.7980, -6.6580

Inverse Universe

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



131.9090, -6.5130, 13.4150



165.3850, -10.5490, 20.4830



137.2910, 4.2150, 17.2310



74.6240, -1.6970, 3.2230



26.9950, -25.6850, 52.5150



3.2480, -3.3940, 6.4460

Previews

White Background



This preview shows how the YIQ color 155.0910, 6.5130, -13.4150 looks on a white background.

Color Contrast Check

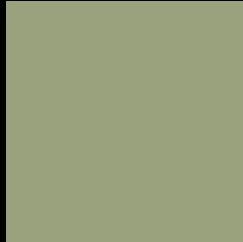
Large Text (above 18pt) WCAG AA × Fail

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 155.0910, 6.5130, -13.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

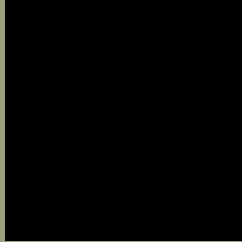
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

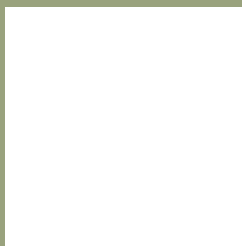
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 155.0910, 6.5130, -13.4150

Background



This preview shows how black text looks on a background with the YIQ color 155.0910, 6.5130, -13.4150.



This preview shows how white text looks on a background with the YIQ color 155.0910, 6.5130, -13.4150.

-13.4150.

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

155.0910, 6.5130, -13.4150

Protanopia

156.4130, 17.4700, -8.2420

Deuteranopia

157.8320, 26.7760, -0.6800



Tritanopia

158.2650, -2.0640, 4.3680

Trichromacy



Original Color

155.0910, 6.5130, -13.4150

Protanomaly

156.2060, 13.6190, -10.0370

Deuteranomaly

156.7770, 19.4410, -5.4150

Tritanomaly

157.0170, 1.3300, -2.0780

Monochromacy



Original Color

155.0910, 6.5130, -13.4150

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.2080, 2.1100, -5.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.0910, 6.5130, -13.4150 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(153, 162, 125)` looks like.

```
.text, #text, p{  
    color:rgb(153, 162, 125)  
}
```

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(153, 162, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 162, 125) }
```

Border

The CSS property to change the border of an element to YIQ 155.0910, 6.5130, -13.4150 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(153, 162, 125) }
```


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

```
.border{ border-color:rgb(153, 162, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 162, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 162, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 162, 125);  
box-shadow:4px 4px 4px 4px rgb(153, 162,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 155.0910, 6.5130, -13.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 162, 125) }
```

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

```
.background{ background-color: rgb(153,  
162, 125) }
```

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