

Converting Colors

YIQ(123.5150, 51.8130,
-19.4110)

Have a look what the booklet for
YIQ(123.5150, 51.8130, -19.4110)
contains.

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Color

**YIQ(123.5150, 51.8130,
-19.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	A17A21
RGB	161, 122, 33
RGB Percent	63%, 48%, 13%
CMY	0.3686, 0.5216, 0.8703
CMYK	0.00, 0.24, 0.79, 0.37
HSL	42°, 66%, 38%
HSV	42°, 79%, 63%
XYZ	21.9329, 21.6032, 4.4578
YIQ	123.5150, 51.8130, -19.4110

Conversions

Conversions Part 2

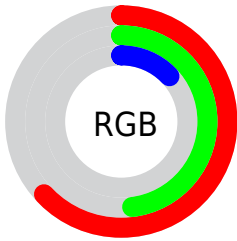
Format	Color
R_{YB}	89, 161, 33
Decimal	10582561
CIE Lab	53.60, 6.67, 51.07
CIE LCh	54, 51.508, 82.562
Yxy	21.6032, 0.4570, 0.4501
Android (android.graphics.Color)	4288772641 (0xFFA17A21)
YUV	123.5150, -44.6239, 32.8743
Hunter-Lab	46.4793, 2.8926, 26.8490

Details

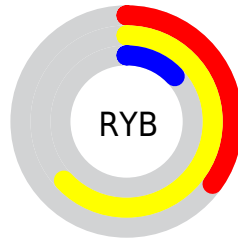
The YIQ color **123.5150, 51.8130, -19.4110** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **70.4850, -51.8130, 19.4110**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.3090, 55.3890, -18.1390**, and **74.8330, 42.2300, -16.4420** is the 20% darker color. If you saturate the color by 10%, you get **118.7560, 58.3240, -21.7720**, and if you desaturate by 10%, it is **128.2740, 45.3020, -17.0500**.

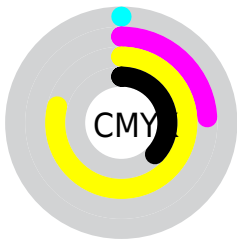
Distribution



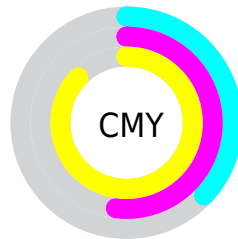
- Red (63%)
- Green (48%)
- Blue (13%)



- Red (35%)
- Yellow (63%)
- Blue (13%)



- Cyan (0%)
- Magenta (24%)
- Yellow (79%)
- Black (37%)



- Cyan (37%)
- Magenta (52%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.5150, 51.8130, -19.4110 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 123.5150, 51.8130, -19.4110 by changing the saturation by 10% instead.

■ 123.5150, 51.8130,
-19.4110

■ 123.5150, 51.8130,
-19.4110

■ 255.0000, -0.0000,
-0.0000

■ 96.7060, 52.5930,
-22.5350

■ 177.3090, 55.3890,
-18.1390

■ 74.8330, 42.2300,
-16.4420

■ 205.0920, 57.4980,
-17.8140

■ 53.2590, 32.4630,
-10.1370

■ 226.2860, 45.0280,
-23.1000

■ 33.7450, 22.4670,
-5.1890

■ 244.7400, 28.8900,
-27.9900

■ 12.4810, 14.7630,
2.2750

■ 247.8180, 20.2230,
-19.5930

■ 0.0000, 0.0000,
0.0000

■ 251.1240, 10.9140,

-10.5740

254.4300, 1.6050,
-1.5550

123.5150, 51.8130,
-19.4110

123.5150, 51.8130,
-19.4110

118.7560, 58.3240,
-21.7720

128.2740, 45.3020,
-17.0500

113.9970, 64.8350,
-24.1330

133.0330, 38.7910,
-14.6890

113.8830, 65.1560,
-24.4440

137.7920, 32.2800,
-12.3280

142.5510, 25.7690,
-9.9670

147.4240, 18.9370,
-7.2950

■ 151.5960, 12.7010,
-4.4110

■ 156.3550, 6.1900,
-2.0500

■ 161.1140, -0.3210,
0.3110

■ 165.8730, -6.8320,
2.6720

Harmonies

Analogous

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



125.9540, 67.5350, 4.0390



123.5150, 51.8130, -19.4110



119.8590, 21.0050, -33.7710

Triad

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



123.5150, 51.8130, -19.4110



105.8170, -92.6560, -27.8560



131.8650, 15.1230, 39.8190

Complementary

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



123.5150, 51.8130, -19.4110



70.4850, -51.8130, 19.4110

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.



127.5580, -35.7210, 25.1350



123.5150, 51.8130, -19.4110



108.2740, -103.7080, -14.7800

Square

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



123.5150, 51.8130, -19.4110



100.5730, -77.8900, -42.1620



104.4560, -106.7360, -3.9520



128.4270, 51.5270, 40.8630

Rectangle

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



123.5150, 51.8130, -19.4110



115.4950, -7.3290, -37.8970



104.4560, -106.7360, -3.9520



131.8570, 0.4060, 36.7100

Sweetspot

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



123.5150, 51.8130, -19.4110



194.4950, 20.1750, -7.7050



75.9460, 63.1270, 39.8870



95.5960, 12.7010, -4.4110



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



123.5150, 51.8130, -19.4110



151.0940, 80.3790, -30.5090



139.5310, 27.3800, -44.6840



79.2130, 3.7140, -1.2300



102.6420, 58.6450, -22.0830



12.4260, 7.4280, -2.4600

Inverse Universe

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



70.4850, -51.8130, 19.4110



68.4930, -80.6540, 29.9860



54.7680, -26.7840, 44.8960



75.7870, -3.7140, 1.2300



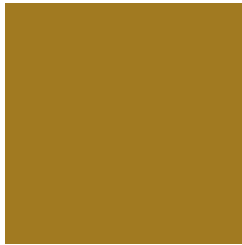
42.3580, -58.6450, 22.0830



4.9870, -7.1530, 2.9830

Previews

White Background



This preview shows how the YIQ color 123.5150, 51.8130, -19.4110 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 123.5150, 51.8130, -19.4110 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 123.5150, 51.8130, -19.4110

Background



This preview shows how black text looks on a background with the YIQ color 123.5150, 51.8130, -19.4110.



This preview shows how white text looks on a background with the YIQ color 123.5150, 51.8130,

-19.4110.

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

123.5150, 51.8130, -19.4110

Protanopia

122.7690, 39.1140, -26.0540

Deuteranopia

123.5150, 51.8130, -19.4110



Tritanopia

130.7590, 29.0200, 13.7240

Trichromacy



Original Color

123.5150, 51.8130, -19.4110

Protanomaly

122.6880, 43.8360, -23.5240

Deuteranomaly

123.5150, 51.8130, -19.4110

Tritanomaly

128.2740, 37.2750, 1.7790

Monochromacy



Original Color

123.5150, 51.8130, -19.4110

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.5380, 18.6160, -6.9840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.5150, 51.8130, -19.4110 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(161, 122, 33)` looks like.

```
.text, #text, p{  
    color:rgb(161, 122, 33)  
}
```

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(161, 122, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 122, 33) }
```

Border

The CSS property to change the border of an element to YIQ 123.5150, 51.8130, -19.4110 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(161, 122, 33) }
```


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

```
.border{ border-color:rgb(161, 122, 33) }
```

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

Here you see how a box with a 4 pixel rgb(161, 122, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 122, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 122, 33);  
box-shadow:4px 4px 4px 4px rgb(161, 122,  
33) }
```

Background

The CSS property to change the background color of an element to YIQ 123.5150, 51.8130, -19.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 122, 33) }
```

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

```
.background{ background-color: rgb(161,  
122, 33) }
```

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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