

Converting Colors

YIQ(118.6150, 36.9120,
-19.1840)

Have a look what the booklet for
YIQ(118.6150, 36.9120, -19.1840)
contains.

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Color

**YIQ(118.6150, 36.9120,
-19.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	8E792D
RGB	142, 121, 45
RGB Percent	56%, 47%, 18%
CMY	0.4431, 0.5255, 0.8233
CMYK	0.00, 0.15, 0.68, 0.44
HSL	47°, 52%, 37%
HSV	47°, 68%, 56%
XYZ	18.4664, 19.6133, 5.3004
YIQ	118.6150, 36.9120, -19.1840

Conversions

Conversions Part 2

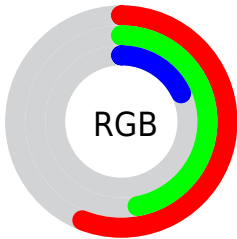
Format	Color
RYB	72, 142, 45
Decimal	9337133
CIELab	51.40, -0.91, 43.18
CIElCh	51, 43.185, 91.213
Yxy	19.6133, 0.4257, 0.4521
Android (android.graphics.Color)	4287527213 (0xFF8E792D)
YUV	118.6150, -36.2922, 20.5086
Hunter-Lab	44.2869, -3.0725, 23.9048

Details

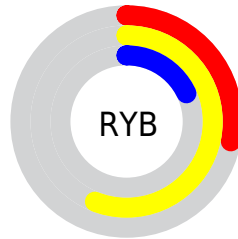
The YIQ color **118.6150, 36.9120, -19.1840** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **68.3850, -36.9120, 19.1840**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5830, 39.9380, -18.9580**, and **69.1630, 32.3730, -19.5230** is the 20% darker color. If you saturate the color by 10%, you get **115.2580, 42.2310, -21.9690**, and if you desaturate by 10%, it is **121.9720, 31.5930, -16.3990**.

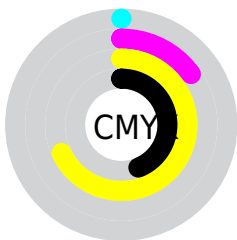
Distribution



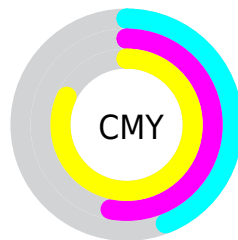
- Red (56%)
- Green (47%)
- Blue (18%)



- Red (28%)
- Yellow (56%)
- Blue (18%)



- Cyan (0%)
- Magenta (15%)
- Yellow (68%)
- Black (44%)



- Cyan (44%)
- Magenta (53%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.6150, 36.9120, -19.1840 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 118.6150, 36.9120, -19.1840 by changing the saturation by 10% instead.

■ 118.6150, 36.9120,
-19.1840

■ 118.6150, 36.9120,
-19.1840

■ 255.0000, -0.0000,
-0.0000

■ 92.9030, 36.0410,
-19.9190

■ 171.5830, 39.9380,
-18.9580

■ 69.1630, 32.3730,
-19.5230

■ 199.0670, 41.4510,
-18.8450

■ 48.7740, 23.5230,
-13.3170

■ 226.8390, 42.0930,
-19.4670

■ 28.9720, 14.3980,
-7.6340

■ 245.7660, 26.0010,
-25.1910

■ 5.0170, 1.3300,
-2.0780

■ 248.9580, 17.0130,
-16.4830

■ 0.0000, 0.0000,
0.0000

■ 252.1500, 8.0250,

-7.7750

■ 118.6150, 36.9120,
-19.1840

■ 118.6150, 36.9120,
-19.1840

■ 115.2580, 42.2310,
-21.9690

■ 121.9720, 31.5930,
-16.3990

■ 111.9010, 47.5500,
-24.7540

■ 125.3290, 26.2740,
-13.6140

■ 108.4300, 53.1900,
-27.8500

■ 128.8000, 20.6340,
-10.5180

■ 107.6150, 54.1070,
-27.9490

■ 132.1570, 15.3150,
-7.7330

■ 135.5140, 9.9960,
-4.9480

■ 138.8710, 4.6770,
-2.1630

■ 142.8150, -0.9170,
0.0990

■ 146.2860, -6.5570,
3.1950

■ 149.6430,
-11.8760, 5.9800

Harmonies

Analogous

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



120.5500, 53.8730, -1.6710



118.6150, 36.9120, -19.1840



114.3770, 7.9830, -29.0490

Triad

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



118.6150, 36.9120, -19.1840



100.4200, -89.8600, -23.4600



126.1830, 22.7350, 34.0230

Complementary

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



118.6150, 36.9120, -19.1840



68.3850, -36.9120, 19.1840

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.



124.6220, -15.4100, 25.9820



118.6150, 36.9120, -19.1840



100.5630, -97.1520, -12.4480

Square

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



118.6150, 36.9120, -19.1840



96.7890, -78.2580, -35.4900



111.5550, -67.1700, 5.8700



123.2490, 48.7320, 30.9400

Rectangle

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



118.6150, 36.9120, -19.1840



110.3940, -17.0500, -32.4260



111.5550, -67.1700, 5.8700



126.0830, 11.2730, 32.4970

Sweetspot

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



118.6150, 36.9120, -19.1840



175.0860, 14.0770, -7.3230



76.6250, 50.4290, 27.7170



86.5570, 8.4370, -4.2270



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



118.6150, 36.9120, -19.1840



147.4150, 57.5460, -29.7020



123.1680, 15.6410, -35.6790



69.6150, 2.5220, -1.6540



102.5870, 51.3100, -26.8180



5.9140, 3.1180, -1.4420

Inverse Universe

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



68.3850, -36.9120, 19.1840



69.5850, -57.5460, 29.7020



63.8320, -15.6410, 35.6790



65.9720, -2.7970, 1.1310



32.4130, -51.3100, 26.8180



2.0860, -3.1180, 1.4420

Previews

White Background



This preview shows how the YIQ color 118.6150, 36.9120, -19.1840 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 118.6150, 36.9120, -19.1840 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 118.6150, 36.9120, -19.1840

Background



This preview shows how black text looks on a background with the YIQ color 118.6150, 36.9120, -19.1840.



This preview shows how white text looks on a background with the YIQ color 118.6150, 36.9120,

-19.1840.

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

118.6150, 36.9120, -19.1840

Protanopia

118.4080, 33.0610, -20.9790

Deuteranopia

119.6700, 44.2470, -14.4490



Tritanopia

124.4910, 17.9710, 10.2190

Trichromacy



Original Color

118.6150, 36.9120, -19.1840

Protanomaly

118.4190, 34.5280, -20.0320

Deuteranomaly

119.0610, 41.5880, -15.8200

Tritanomaly

122.4620, 24.9420, -0.4820

Monochromacy



Original Color

118.6150, 36.9120, -19.1840

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9010, 13.1600, -7.2240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.6150, 36.9120, -19.1840 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(142, 121, 45)` looks like.

```
.text, #text, p{  
    color:rgb(142, 121, 45)  
}
```

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(142, 121, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 121, 45) }
```

Border

The CSS property to change the border of an element to YIQ 118.6150, 36.9120, -19.1840 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(142, 121, 45) }
```


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

```
.border{ border-color:rgb(142, 121, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 121, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 121, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 121, 45);  
box-shadow:4px 4px 4px 4px rgb(142, 121,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 118.6150, 36.9120, -19.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 121, 45) }
```

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

```
.background{ background-color: rgb(142,  
121, 45) }
```

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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