

Converting Colors

YIQ(117.1340, 31.3170,
-11.3950)

Have a look what the booklet for
YIQ(117.1340, 31.3170, -11.3950)
contains.

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Color

**YIQ(117.1340, 31.3170,
-11.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	8C743F
RGB	140, 116, 63
RGB Percent	55%, 45%, 25%
CMY	0.4510, 0.5451, 0.7528
CMYK	0.00, 0.17, 0.55, 0.45
HSL	41°, 38%, 40%
HSV	41°, 55%, 55%
XYZ	17.9588, 18.4238, 7.3184
YIQ	117.1340, 31.3170, -11.3950

Conversions

Conversions Part 2

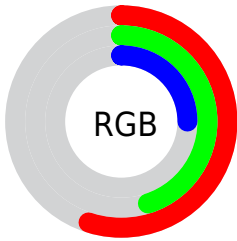
Format	Color
RYB	98, 140, 63
Decimal	9204799
CIELab	50.01, 2.40, 32.49
CIElCh	50, 32.575, 85.768
Yxy	18.4238, 0.4109, 0.4216
Android (android.graphics.Color)	4287394879 (0xFF8C743F)
YUV	117.1340, -26.6881, 20.0535
Hunter-Lab	42.9229, -0.4311, 19.9370

Details

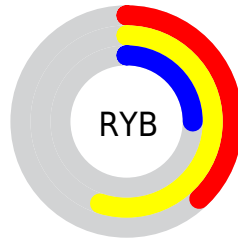
The YIQ color **117.1340, 31.3170, -11.3950** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **85.8660, -31.3170, 11.3950**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6890, 34.0680, -11.6920**, and **67.8670, 27.6950, -11.8330** is the 20% darker color. If you saturate the color by 10%, you get **113.1900, 36.9110, -13.6570**, and if you desaturate by 10%, it is **121.0780, 25.7230, -9.1330**.

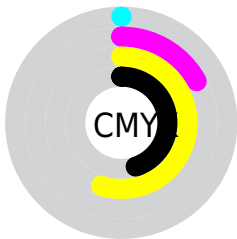
Distribution



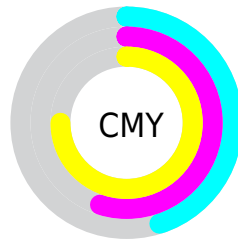
- Red (55%)
- Green (45%)
- Blue (25%)



- Red (38%)
- Yellow (55%)
- Blue (25%)



- Cyan (0%)
- Magenta (17%)
- Yellow (55%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.1340, 31.3170, -11.3950 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 117.1340, 31.3170, -11.3950 by changing the saturation by 10% instead.

■ 117.1340, 31.3170,
-11.3950

■ 117.1340, 31.3170,
-11.3950

■ 255.0000, -0.0000,
-0.0000

■ 92.3510, 29.2080,
-11.7200

■ 169.6890, 34.0680,
-11.6920

■ 67.8670, 27.6950,
-11.8330

■ 197.1730, 35.5810,
-11.5790

■ 45.8390, 24.8980,
-10.7020

■ 225.2440, 36.8190,
-11.9890

■ 26.6240, 15.4980,
-5.5420

■ 245.4700, 21.3230,
-17.5010

■ 1.7940, 3.5760,
1.2720

■ 251.0100, 11.2350,
-10.8850

■ 0.0000, 0.0000,
0.0000

■ 254.3160, 1.9260,

-1.8660

■ 117.1340, 31.3170,
-11.3950

■ 117.1340, 31.3170,
-11.3950

■ 113.1900, 36.9110,
-13.6570

■ 121.0780, 25.7230,
-9.1330

■ 108.6590, 42.7800,
-15.3960

■ 125.6090, 19.8540,
-7.3940

■ 104.7150, 48.3740,
-17.6580

■ 129.5530, 14.2600,
-5.1320

■ 100.7710, 53.9680,
-19.9200

■ 133.4970, 8.6660,
-2.8700

■ 98.2120, 57.0400,
-20.5280

■ 138.0280, 2.7970,
-1.1310

■ 141.9720, -2.7970,
1.1310

■ 146.5030, -8.6660,
2.8700

■ 150.4470,
-14.2600, 5.1320

■ 154.3910,
-19.8540, 7.3940

Harmonies

Analogous

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



118.7970, 43.0520, 1.7080



117.1340, 31.3170, -11.3950



114.6150, 10.5490, -20.4830

Triad

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



117.1340, 31.3170, -11.3950



94.2590, -82.1570, -25.3970



122.4110, 12.9250, 24.5810

Complementary

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



117.1340, 31.3170, -11.3950



85.8660, -31.3170, 11.3950

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.



120.2810, -16.1880, 18.0520



117.1340, 31.3170, -11.3950



95.0060, -88.3940, -16.9860

Square

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



117.1340, 31.3170, -11.3950



101.8310, -51.7130, -26.4730



112.3690, -49.1510, 4.2010



121.6060, 34.2450, 23.6610

Rectangle

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



117.1340, 31.3170, -11.3950



111.9380, -6.5980, -23.6060



112.3690, -49.1510, 4.2010



122.0940, 3.5720, 23.3800

Sweetspot

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



117.1340, 31.3170, -11.3950



172.4110, 11.7840, -4.3120



88.7590, 38.1880, 23.7880



86.4260, 7.4280, -2.4600



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.



117.1340, 31.3170, -11.3950



145.7150, 48.3740, -17.6580



127.0360, 16.3730, -26.9150



67.0280, 2.7970, -1.1310



93.1840, 54.2430, -19.3970



3.8430, 1.8800, -1.0320

Inverse Universe

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



85.8660, -31.3170, 11.3950



97.2850, -48.3740, 17.6580



75.9640, -16.3730, 26.9150



63.9720, -2.7970, 1.1310



39.2290, -53.9680, 19.9200



1.7440, -2.1550, 0.5090

Previews

White Background



This preview shows how the YIQ color 117.1340, 31.3170, -11.3950 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 117.1340, 31.3170, -11.3950 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 117.1340, 31.3170, -11.3950

Background



This preview shows how black text looks on a background with the YIQ color 117.1340, 31.3170, -11.3950.



This preview shows how white text looks on a background with the YIQ color 117.1340, 31.3170,

-11.3950.

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

117.1340, 31.3170, -11.3950

Protanopia

116.3180, 24.8070, -14.5610

Deuteranopia

117.8680, 35.1220, -8.7660



Tritanopia

121.3770, 18.2920, 9.9080

Trichromacy



Original Color

117.1340, 31.3170, -11.3950

Protanomaly

116.6280, 26.8700, -13.4020

Deuteranomaly

117.8570, 33.6550, -9.7130

Tritanomaly

119.6730, 22.9700, 2.2180

Monochromacy



Original Color

117.1340, 31.3170, -11.3950

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.1120, 11.1880, -4.5240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.1340, 31.3170, -11.3950 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, 116, 63)` looks like.

```
.text, #text, p{  
    color:rgb(140, 116, 63)  
}
```

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, 116, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 116, 63) }
```

Border

The CSS property to change the border of an element to YIQ 117.1340, 31.3170, -11.3950 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, 116, 63) }
```


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

```
.border{ border-color:rgb(140, 116, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 116, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 116, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 116, 63);  
box-shadow:4px 4px 4px 4px rgb(140, 116,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 117.1340, 31.3170, -11.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 116, 63) }
```

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

```
.background{ background-color: rgb(140,  
116, 63) }
```

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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