

Converting Colors

YIQ(119.7780, 34.8950,
-21.1770)

Have a look what the booklet for
YIQ(119.7780, 34.8950, -21.1770)
contains.

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Color

**YIQ(119.7780, 34.8950,
-21.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7C2D
RGB	140, 124, 45
RGB Percent	55%, 49%, 18%
CMY	0.4510, 0.5137, 0.8233
CMYK	0.00, 0.11, 0.68, 0.45
HSL	50°, 51%, 36%
HSV	50°, 68%, 55%
XYZ	18.4962, 20.1786, 5.4078
YIQ	119.7780, 34.8950, -21.1770

Conversions

Conversions Part 2

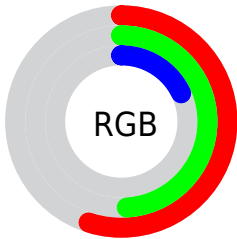
Format	Color
R _Y B	64, 140, 45
Decimal	9206829
CIE Lab	52.04, -3.52, 43.79
CIE LCh	52, 43.933, 94.600
Yxy	20.1786, 0.4196, 0.4577
Android (android.graphics.Color)	4287396909 (0xFF8C7C2D)
YUV	119.7780, -36.8656, 17.7347
Hunter-Lab	44.9206, -5.1133, 24.3068

Details

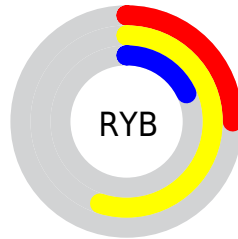
The YIQ color **119.7780, 34.8950, -21.1770** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **65.2220, -34.8950, 21.1770**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.7460, 37.9210, -20.9510**, and **70.6250, 30.9520, -21.3040** is the 20% darker color. If you saturate the color by 10%, you get **117.0080, 39.9390, -24.4850**, and if you desaturate by 10%, it is **122.5480, 29.8510, -17.8690**.

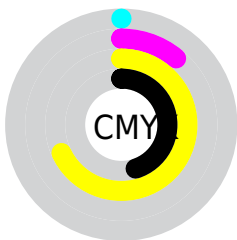
Distribution



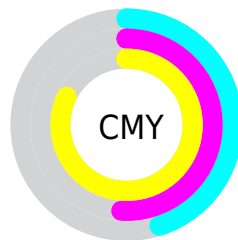
- Red (55%)
- Green (49%)
- Blue (18%)



- Red (25%)
- Yellow (55%)
- Blue (18%)



- Cyan (0%)
- Magenta (11%)
- Yellow (68%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.7780, 34.8950, -21.1770 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 119.7780, 34.8950, -21.1770 by changing the saturation by 10% instead.

■ 119.7780, 34.8950,
-21.1770

■ 119.7780, 34.8950,
-21.1770

■ 255.0000, -0.0000,
-0.0000

■ 94.0660, 34.0240,
-21.9120

■ 172.7460, 37.9210,
-20.9510

■ 70.6250, 30.9520,
-21.3040

■ 200.8170, 39.1590,
-21.3610

■ 49.6490, 22.3770,
-14.5750

■ 228.8880, 40.3970,
-21.7710

■ 29.8470, 13.2520,
-8.8920

■ 245.7660, 26.0010,
-25.1910

■ 6.4680, -1.5580,
-4.8060

■ 248.9580, 17.0130,
-16.4830

■ 0.0000, 0.0000,
0.0000

■ 252.2640, 7.7040,

-7.4640

■ 119.7780, 34.8950,
-21.1770

■ 119.7780, 34.8950,
-21.1770

■ 117.0080, 39.9390,
-24.4850

■ 122.5480, 29.8510,
-17.8690

■ 113.6510, 45.2580,
-27.2700

■ 125.9050, 24.5320,
-15.0840

■ 110.8810, 50.3020,
-30.5780

■ 128.6750, 19.4880,
-11.7760

■ 109.9520, 51.5400,
-30.9880

■ 131.4450, 14.4440,
-8.4680

■ 134.8020, 9.1250,
-5.6830

■ 137.5720, 4.0810,
-2.3750

■ 140.9290, -1.2380,
0.4100

■ 143.6990, -6.2820,
3.7180

■ 146.4690,
-11.3260, 7.0260

Harmonies

Analogous

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



122.0830, 53.6900, -3.8620



119.7780, 34.8950, -21.1770



115.5830, 4.4070, -30.3210

Triad

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



119.7780, 34.8950, -21.1770



102.2780, -92.3360, -22.6400



127.1620, 27.2280, 35.1960

Complementary

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



119.7780, 34.8950, -21.1770



65.2220, -34.8950, 21.1770

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.



127.0140, -10.6420, 27.6780



119.7780, 34.8950, -21.1770



101.7200, -99.0320, -11.4160

Square

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



119.7780, 34.8950, -21.1770



98.6470, -80.7340, -34.6700



115.4850, -60.9810, 9.3470



124.8040, 51.4830, 30.6430

Rectangle

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



119.7780, 34.8950, -21.1770



110.9310, -23.0560, -33.7120



115.4850, -60.9810, 9.3470



128.0620, 15.7660, 33.6700

Sweetspot

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



119.7780, 34.8950, -21.1770



173.3740, 13.2060, -8.0580



75.3430, 51.1630, 25.4270



87.1440, 8.1620, -4.7500



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.



119.7780, 34.8950, -21.1770



149.5670, 54.0620, -32.6420



120.2000, 12.6150, -35.9050



67.6150, 2.5220, -1.6540



104.3370, 49.0180, -29.3340



3.8430, 1.8800, -1.0320

Inverse Universe

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



65.2220, -34.8950, 21.1770



65.4330, -54.0620, 32.6420



64.8000, -12.6150, 35.9050



63.3850, -2.5220, 1.6540



28.0760, -48.7430, 29.8570



1.1570, -1.8800, 1.0320

Previews

White Background



This preview shows how the YIQ color 119.7780, 34.8950, -21.1770 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 119.7780, 34.8950, -21.1770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

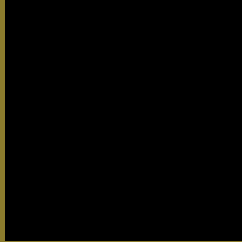
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.7780, 34.8950, -21.1770

Background



This preview shows how black text looks on a background with the YIQ color 119.7780, 34.8950, -21.1770.



This preview shows how white text looks on a background with the YIQ color 119.7780, 34.8950,

-21.1770.

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

119.7780, 34.8950, -21.1770

Protanopia

119.4790, 34.2990, -21.3890

Deuteranopia

120.9690, 44.8430, -14.2370



Tritanopia

126.2950, 15.5870, 9.3710

Trichromacy



Original Color

119.7780, 34.8950, -21.1770

Protanomaly

119.4790, 34.2990, -21.3890

Deuteranomaly

120.5340, 41.6340, -16.6540

Tritanomaly

123.8530, 22.2830, -1.8530

Monochromacy



Original Color

119.7780, 34.8950, -21.1770

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.6020, 12.5640, -7.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.7780, 34.8950, -21.1770 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, 124, 45)` looks like.

```
.text, #text, p{  
    color:rgb(140, 124, 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(140, 124, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 124, 45) }
```

Border

The CSS property to change the border of an element to YIQ 119.7780, 34.8950, -21.1770 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, 124, 45) }
```


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

```
.border{ border-color:rgb(140, 124, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 124, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 124, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 124, 45);  
box-shadow:4px 4px 4px 4px rgb(140, 124,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 119.7780, 34.8950, -21.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 124, 45) }
```

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

```
.background{ background-color: rgb(140,  
124, 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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