

Converting Colors

YUV(118.7960, -34.9024,
-98.9221)

Have a look what the booklet for
YUV(118.7960, -34.9024, -98.9221)
contains.

YUV(118.7960, -34.9024, -98.9221)	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

**YUV(118.7960, -34.9024,
-98.9221)**

Conversions

Conversions Part 1

Format	Color
Hex	06BE30
RGB	6, 190, 48
RGB Percent	2%, 75%, 19%
CMY	0.9765, 0.2549, 0.8118
CMYK	0.97, 0.00, 0.75, 0.25
HSL	134°, 94%, 38%
HSV	134°, 97%, 75%
XYZ	19.0221, 37.0790, 8.9507
YIQ	118.7960, -64.0820, -83.1700

Conversions

Conversions Part 2

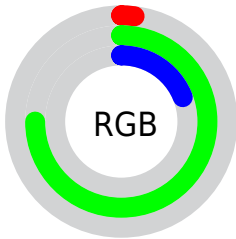
Format	Color
RYB	6, 156, 190
Decimal	441904
CIELab	67.34, -66.74, 56.72
CIELCh	67, 87.588, 139.640
Yxy	37.0790, 0.2924, 0.5700
Android (android.graphics.Color)	4278631984 (0xFF06BE30)
YUV	118.7960, -34.9024, -98.9221
Hunter-Lab	60.8926, -50.8008, 33.9096

Details

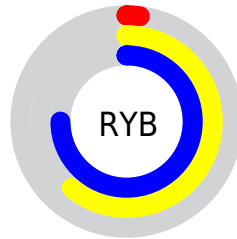
The YUV color **118.7960, -34.9024, -98.9221** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **77.2040, 34.9024, 98.9221**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5170, -41.6669, -75.8754**, and **79.2450, -39.0678, -69.4979** is the 20% darker color. If you saturate the color by 10%, you get **116.4320, -36.2020, -102.1109**, and if you desaturate by 10%, it is **126.1870, -31.1512, -88.7410**.

Distribution



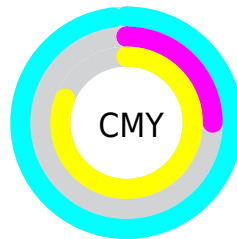
- Red (2%)
- Green (75%)
- Blue (19%)



- Red (2%)
- Yellow (61%)
- Blue (75%)



- Cyan (97%)
- Magenta (0%)
- Yellow (75%)
- Black (25%)



- Cyan (98%)
- Magenta (25%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7960, -34.9024, -98.9221 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 YUV color 118.7960, -34.9024, -98.9221 by changing the saturation by 10% instead.

■ 118.7960,
-34.9024, -98.9221

■ 118.7960,
-34.9024, -98.9221

■ 255.0000, 0.0000,
0.0000

■ 96.4620, -41.6398,
-84.5972

■ 187.5170,
-41.6669, -75.8754

■ 79.2450, -39.0678,
-69.4979

■ 204.3860,
-36.1793, -62.6055

■ 63.3960, -31.2542,
-55.5983

■ 216.7330,
-28.9554, -46.2468

■ 48.1340, -23.7301,
-42.2135

■ 229.1940,
-21.2946, -29.9881

■ 34.0460, -16.7847,
-29.8583

■ 241.4700,
-13.0497, -14.4442

■ 19.3710, -9.5499,
-16.9884

■ 253.7460, -4.8048,

■ 0.0000, 0.0000,

1.0998

0.0000

■ 118.7960,
-34.9024, -98.9221

■ 118.7960,
-34.9024, -98.9221

■ 116.4320,
-36.2020, -102.1109

■ 126.1870,
-31.1512, -88.7410

■ 133.4640,
-27.8368, -78.4599

■ 140.8550,
-24.0855, -68.2788

■ 148.2460,
-20.3343, -58.0977

■ 155.5230,
-17.0198, -47.8167

■ 162.9140,
-13.2686, -37.6356

■ 170.3050, -9.5174,
-27.4545

■ 177.5820, -6.2029,
-17.1734

■ 184.9730, -2.4517,
-6.9923

Harmonies

Analogous

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



147.5640, -72.7491, 0.3824



118.7960, -34.9024, -98.9221



130.8010, 1.0841, -114.7125

Triad

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



118.7960, -34.9024, -98.9221



135.9040, 58.7143, -119.1878



132.9070, -8.3352, 107.0756

Complementary

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



118.7960, -34.9024, -98.9221



77.2040, 34.9024, 98.9221

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.



141.9130, 26.1719, 99.1773



118.7960, -34.9024, -98.9221



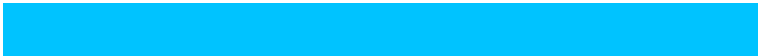
145.4700, 53.9983, -53.0322

Square

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



118.7960, -34.9024, -98.9221



143.5350, 54.9522, -125.8802



165.3450, 44.1999, 56.7024



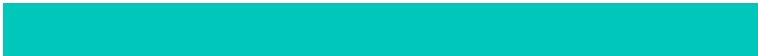
147.6090, -53.5442, 94.1819

Rectangle

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



118.7960, -34.9024, -98.9221



138.2450, 24.5292, -121.2409



165.3450, 44.1999, 56.7024



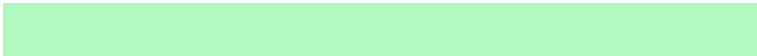
131.7620, 5.0473, 108.0797

Sweetspot

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



118.7960, -34.9024, -98.9221



219.5010, -13.5580, -38.1504



157.0640, -74.4746, -6.1951



107.9680, -8.3652, -23.6509



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



118.7960, -34.9024, -98.9221



151.3730, -47.0189, -132.7541



129.0560, 4.4094, -107.9201



90.5110, -1.7309, -4.8331



96.8500, -29.9990, -84.9374



18.9950, -5.9135, -16.6586

Inverse Universe

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



77.2040, 34.9024, 98.9221



95.6270, 47.0189, 132.7541



66.9440, -4.4094, 107.9201



88.4890, 1.7309, 4.8331



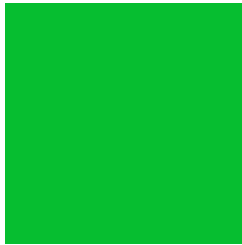
61.1500, 29.9991, 84.9374



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 118.7960, -34.9024, -98.9221 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 YUV color 118.7960, -34.9024, -98.9221 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](#).

YUV 118.7960, -34.9024, -98.9221 Background



This preview shows how black text looks on a background with the YUV color 118.7960, -34.9024, -98.9221.



This preview shows how white text looks on a background with the YUV color 118.7960, -34.9024, -98.9221.

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

118.7960, -34.9024, -98.9221

Protanopia

155.0720, -56.2375, 24.4929

Deuteranopia

158.7500, -47.6977, 38.8073



Tritanopia

149.1090, 21.1453, -62.3626

Trichromacy



Original Color

118.7960, -34.9024, -98.9221



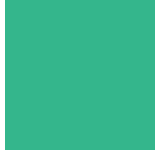
Protanomaly

142.1480, -48.3870, -20.3008



Deuteranomaly

144.2830, -43.0305, -11.6492



Tritanomaly

138.3420, 0.8174, -75.7219

Monochromacy



Original Color

118.7960, -34.9024, -98.9221



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.0390, -12.8372, -35.9912

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7960, -34.9024, -98.9221 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(6, 190, 48)` looks like.

```
.text, #text, p{  
    color:rgb(6, 190, 48)  
}
```

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(6, 190, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 190, 48) }
```

Border

The CSS property to change the border of an element to YUV 118.7960, -34.9024, -98.9221 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(6, 190, 48) }
```


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

```
.border{ border-color:rgb(6, 190, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 190, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 190, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 190, 48);  
box-shadow:4px 4px 4px 4px rgb(6, 190, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 118.7960, -34.9024, -98.9221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 190, 48) }
```

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

```
.background{ background-color: rgb(6, 190,  
48) }
```

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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