

Converting Colors

YUV(97.9780, -34.0062,
-59.6167)

Have a look what the booklet for
YUV(97.9780, -34.0062, -59.6167)
contains.

YUV(97.9780, -34.0062, -59.6167)	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(97.9780, -34.0062,
-59.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	1E921D
RGB	30, 146, 29
RGB Percent	12%, 57%, 11%
CMY	0.8824, 0.4275, 0.8863
CMYK	0.79, 0.00, 0.80, 0.43
HSL	119°, 67%, 34%
HSV	119°, 80%, 57%
XYZ	11.0361, 20.9225, 4.6192
YIQ	97.9780, -31.5790, -60.9790

Conversions

Conversions Part 2

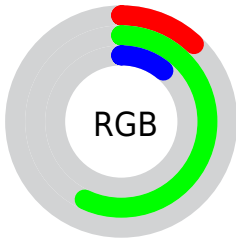
Format	Color
R _Y B	29, 146, 145
Decimal	2003485
CIE Lab	52.86, -52.90, 48.98
CIE LCh	53, 72.094, 137.205
Yxy	20.9225, 0.3017, 0.5720
Android (android.graphics.Color)	4280193565 (0xFF1E921D)
YUV	97.9780, -34.0062, -59.6167
Hunter-Lab	45.7411, -36.9798, 26.0314

Details

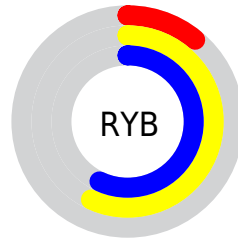
The YUV color **97.9780, -34.0062, -59.6167** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **77.0220, 34.0062, 59.6167**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4520, -36.2118, -52.1394**, and **55.1780, -27.2028, -48.3911** is the 20% darker color. If you saturate the color by 10%, you get **92.0820, -38.4944, -66.7239**, and if you desaturate by 10%, it is **103.8740, -29.5179, -52.5095**.

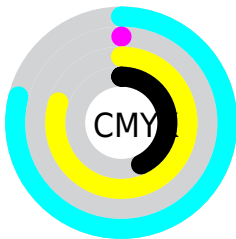
Distribution



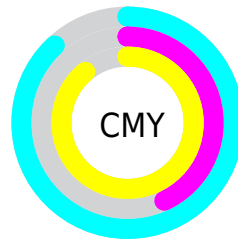
- Red (12%)
- Green (57%)
- Blue (11%)



- Red (11%)
- Yellow (57%)
- Blue (57%)



- Cyan (79%)
- Magenta (0%)
- Yellow (80%)
- Black (43%)





- Cyan (88%)
- Magenta (43%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.9780, -34.0062, -59.6167 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 97.9780, -34.0062, -59.6167 by changing the saturation by 10% instead.


 97.9780, -34.0062,
-59.6167


 97.9780, -34.0062,
-59.6167


255.0000, 0.0000,
0.0000


 70.4400, -34.7269,
-61.7759


 156.4520,
-36.2118, -52.1394


 55.1780, -27.2028,
-48.3911


 185.1100,
-37.5222, -51.8395


 40.5030, -19.9680,
-35.5211

 211.5340,
-37.2383, -49.5803

 27.5890, -13.6014,
-24.1956

 223.2830,
-29.7195, -34.4512

 10.5660, -5.2090,
-9.2664

 235.1460,
-21.7640, -19.4220

 0.0000, 0.0000,
0.0000

 247.4220,

-13.5190, -3.8781

254.3160, -2.6208,
0.5999

■ 97.9780, -34.0062,
-59.6167

■ 97.9780, -34.0062,
-59.6167

■ 92.0820, -38.4944,
-66.7239

■ 103.8740,
-29.5179, -52.5095

■ 86.0010, -42.3985,
-74.5459

■ 109.9550,
-25.6138, -44.6875

■ 115.8510,
-21.1255, -37.5803

■ 121.9320,
-17.2215, -29.7584

■ 127.8280,
-12.7332, -22.6512

■ 134.0230, -8.3923,
-14.9292

■ 139.8050, -4.3409,
-7.7220

■ 146.0000, 0.0000,
0.0000

■ 151.7820, 4.0515,
7.2072

Harmonies

Analogous

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



114.2390, -56.3198, 4.1754



97.9780, -34.0062, -59.6167



100.2820, -1.6180, -87.9473

Triad

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



97.9780, -34.0062, -59.6167



111.0390, 67.5218, -97.3812



112.3800, -9.0613, 106.6607

Complementary

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



97.9780, -34.0062, -59.6167



77.0220, 34.0062, 59.6167

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.



118.0940, 18.1947, 91.1256



97.9780, -34.0062, -59.6167



111.9280, 66.0975, -60.4499

Square

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



97.9780, -34.0062, -59.6167



113.3750, 51.0871, -99.4299



128.8990, 40.4758, 37.7996



117.4690, -41.1502, 85.5347

Rectangle

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



97.9780, -34.0062, -59.6167



105.7710, 16.8749, -92.7612



128.8990, 40.4758, 37.7996



112.3120, 0.8322, 106.7204

Sweetspot

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



97.9780, -34.0062, -59.6167



170.3010, -13.4594, -23.0660



131.4880, -50.5266, 12.7270



82.8490, -7.8136, -13.8996



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



97.9780, -34.0062, -59.6167



114.5460, -52.5272, -92.5638



104.1770, -8.9613, -65.9302



71.1090, -2.0257, -3.6036



81.3050, -40.0834, -70.4275



5.8700, -2.8939, -5.1480

Inverse Universe

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



77.0220, 34.0062, 59.6167



82.1550, 52.6746, 91.9491



70.8230, 8.9613, 65.9302



69.8910, 2.0257, 3.6036



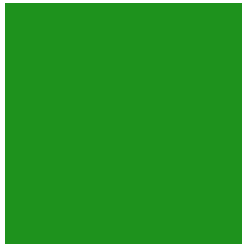
56.6950, 40.0834, 70.4275



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 97.9780, -34.0062, -59.6167 looks on a white background.

Color Contrast Check

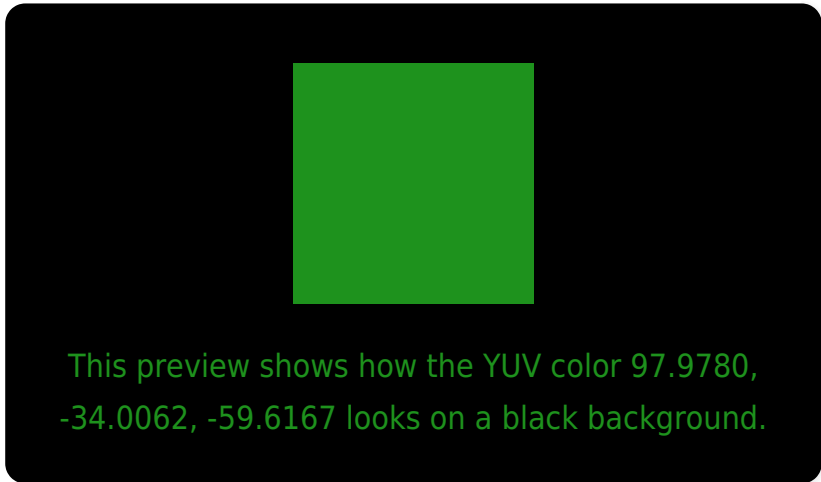
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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](#).

YUV 97.9780, -34.0062, -59.6167

Background



This preview shows how black text looks on a background with the YUV color 97.9780, -34.0062, -59.6167.



This preview shows how white text looks on a background with the YUV color 97.9780, -34.0062, -59.6167.

-59.6167.

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

97.9780, -34.0062, -59.6167

Protanopia

118.8570, -46.7645, 19.4194

Deuteranopia

121.5840, -39.2349, 31.0598



Tritanopia

116.3240, 15.1233, -44.1341

Trichromacy



Original Color

97.9780, -34.0062, -59.6167



Protanomaly

111.2340, -42.0204, -8.9752



Deuteranomaly

113.1300, -37.5321, -1.8680



Tritanomaly

109.8830, -2.9003, -49.8864

Monochromacy



Original Color

97.9780, -34.0062, -59.6167



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

97.6540, -12.1544, -21.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9780, -34.0062, -59.6167 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(30, 146, 29)` looks like.

```
.text, #text, p{  
    color:rgb(30, 146, 29)  
}
```

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(30, 146, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 146, 29) }
```

Border

The CSS property to change the border of an element to YUV 97.9780, -34.0062, -59.6167 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(30, 146, 29) }
```


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

```
.border{ border-color:rgb(30, 146, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 146, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 146, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 146, 29);  
box-shadow:4px 4px 4px 4px rgb(30, 146,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 97.9780, -34.0062, -59.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 146, 29) }
```

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

```
.background{ background-color: rgb(30, 146,  
29) }
```

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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