

Converting Colors

YUV(103.6660, -34.3453,
-90.9151)

Have a look what the booklet for
YUV(103.6660, -34.3453, -90.9151)
contains.

YUV(103.6660, -34.3453, -90.9151)	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>	30

Color

**YUV(103.6660, -34.3453,
-90.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	00AA22
RGB	0, 170, 34
RGB Percent	0%, 67%, 13%
CMY	1.0000, 0.3333, 0.8667
CMYK	1.00, 0.00, 0.80, 0.33
HSL	132°, 100%, 33%
HSV	132°, 100%, 67%
XYZ	14.6635, 28.8649, 6.3120
YIQ	103.6660, -57.6640, -78.3360

Conversions

Conversions Part 2

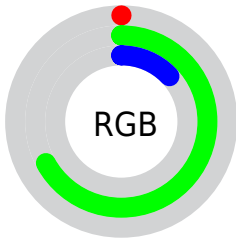
Format	Color
R_{YB}	0, 142, 170
Decimal	43554
CIE _{Lab}	60.66, -62.28, 54.77
CIE _{LCh}	61, 82.935, 138.668
Yxy	28.8649, 0.2942, 0.5791
Android (android.graphics.Color)	4278233634 (0xFF00AA22)
YUV	103.6660, -34.3453, -90.9151
Hunter-Lab	53.7261, -45.3027, 30.6426

Details

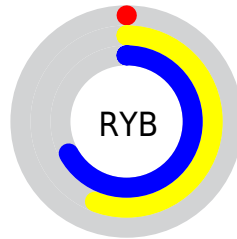
The YUV color **103.6660, -34.3453, -90.9151** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **66.3340, 34.3453, 90.9151**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6150, -40.2362, -68.0684**, and **68.0920, -33.5694, -59.7167** is the 20% darker color. If you saturate the color by 10%, you get **103.6660, -34.3453, -90.9151**, and if you desaturate by 10%, it is **110.3450, -30.7361, -81.8636**.

Distribution



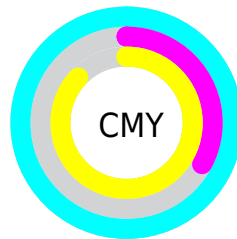
- Red (0%)
- Green (67%)
- Blue (13%)



- Red (0%)
- Yellow (56%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6660, -34.3453, -90.9151 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 103.6660, -34.3453, -90.9151 by changing the saturation by 10% instead.

■ 103.6660,
-34.3453, -90.9151

■ 103.6660,
-34.3453, -90.9151

■ 255.0000, 0.0000,
0.0000

■ 83.9410, -41.3829,
-73.6163

■ 171.6150,
-40.2362, -68.0684

■ 68.0920, -33.5694,
-59.7167

■ 200.3980,
-41.1152, -66.1240

■ 52.8300, -26.0452,
-46.3319

■ 212.7450,
-33.8913, -49.7654

■ 38.1550, -18.8104,
-33.4619

■ 224.9070,
-26.0832, -34.1214

■ 24.6540, -12.1544,
-21.6216

■ 237.0690,
-18.2750, -18.4775

■ 2.9350, -1.4470,
-2.5740

■ 249.6440,

■ 0.0000, 0.0000,

-10.1775, -2.3188

0.0000

■ 103.6660,
-34.3453, -90.9151

■ 110.3450,
-30.7361, -81.8636

■ 116.9100,
-27.5636, -72.7121

■ 123.5890,
-23.9544, -63.6606

■ 130.1540,
-20.7819, -54.5091

■ 136.8330,
-17.1727, -45.4575

■ 143.5120,
-13.5634, -36.4060

■ 150.0770,
-10.3910, -27.2545

■ 156.7560, -6.7817,
-18.2030

■ 163.3210, -3.6093,
-9.0515

Harmonies

Analogous

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



132.2250, -65.1869, 1.5567



103.6660, -34.3453, -90.9151



116.4220, -0.7010, -102.1021

Triad

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



103.6660, -34.3453, -90.9151



124.7510, 64.2128, -109.4066



122.7340, -9.2359, 115.9973

Complementary

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



103.6660, -34.3453, -90.9151



66.3340, 34.3453, 90.9151

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.



131.6430, 22.3610, 108.1841



103.6660, -34.3453, -90.9151



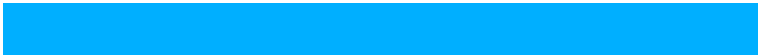
128.0050, 62.6085, -61.3944

Square

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



103.6660, -34.3453, -90.9151



131.7950, 60.7401, -115.5842



148.6860, 46.9898, 48.5104



135.3260, -50.9397, 98.8151

Rectangle

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



103.6660, -34.3453, -90.9151



123.4100, 20.9969, -108.2306



148.6860, 46.9898, 48.5104



121.3610, 3.2730, 117.2014

Sweetspot

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



103.6660, -34.3453, -90.9151



195.9250, -13.2740, -35.8912



140.4540, -69.2438, -3.9062



96.3920, -8.0813, -21.3918



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



103.6660, -34.3453, -90.9151



135.3300, -45.0257, -118.6844



113.3560, 2.7825, -99.4132



80.8100, -1.8783, -4.2184



90.2960, -29.7259, -79.1896



12.1960, -4.0406, -10.6959

Inverse Universe

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



66.3340, 34.3453, 90.9151



86.5560, 44.5889, 118.7844



56.6440, -2.7825, 99.4132



79.0760, 1.4415, 4.3183



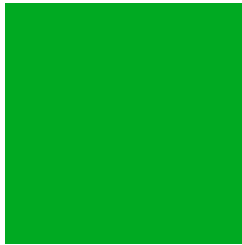
57.7040, 29.7259, 79.1896



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 103.6660, -34.3453, -90.9151 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 YUV color 103.6660, -34.3453, -90.9151 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](#).

YUV 103.6660, -34.3453, -90.9151 Background



This preview shows how black text looks on a background with the YUV color 103.6660, -34.3453, -90.9151.



This preview shows how white text looks on a background with the YUV color 103.6660, -34.3453, -90.9151.

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



Protanopia

137.9300, -54.1955, 22.8634

Deuteranopia

141.0100, -45.3609, 35.9482

Tritanopia

133.4690, 18.5028, -54.7853

Trichromacy



Protanomaly

125.5010, -47.0820, -18.8564

Deuteranomaly

127.7500, -41.2888, -10.3048

Tritanomaly

122.3430, -0.6621, -67.8298

Monochromacy



Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8760, -12.2639, -33.2173

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6660, -34.3453, -90.9151 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(0, 170, 34)` looks like.

```
.text, #text, p{  
    color:rgb(0, 170, 34)  
}
```

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(0, 170, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 170, 34) }
```

Border

The CSS property to change the border of an element to YUV 103.6660, -34.3453, -90.9151 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(0, 170, 34) }
```

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

```
.border{ border-color:rgb(0, 170, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 170, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 170, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 170, 34);  
box-shadow:4px 4px 4px 4px rgb(0, 170, 34)  
}
```


Background

The CSS property to change the background color of an element to YUV 103.6660, -34.3453, -90.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 170, 34) }
```

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

```
.background{ background-color: rgb(0, 170,  
34) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor