

# Converting Colors

YUV(125.0900, -34.0614,  
-88.6559)

Have a look what the booklet for  
YUV(125.0900, -34.0614, -88.6559)  
contains.

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# Color

**YUV(125.0900, -34.0614,  
-88.6559)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18BE38
RGB	24, 190, 56
RGB Percent	9%, 75%, 22%
CMY	0.9059, 0.2549, 0.7804
CMYK	0.87, 0.00, 0.71, 0.25
HSL	132°, 78%, 42%
HSV	132°, 87%, 75%
XYZ	19.5040, 37.3066, 9.9143
YIQ	125.0900, -55.9220, -76.8660

# Conversions

## Conversions Part 2

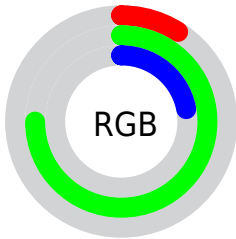
Format	Color
<a href="#">RYB</a>	<a href="#">24, 163, 190</a>
Decimal	<a href="#">1621560</a>
CIELab	<a href="#">67.51, -65.03, 54.00</a>
CIELCh	<a href="#">68, 84.524, 140.293</a>
Yxy	<a href="#">37.3066, 0.2923, 0.5591</a>
Android (android.graphics.Color)	<a href="#">4279811640 (0xFF18BE38)</a>
YUV	<a href="#">125.0900, -34.0614, -88.6559</a>
Hunter-Lab	<a href="#">61.0791, -49.8894, 33.1315</a>

# Details

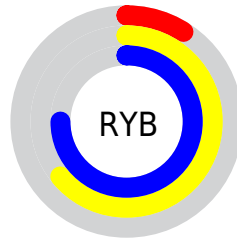
The YUV color **125.0900, -34.0614, -88.6559** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **88.9100, 34.0614, 88.6559**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.5110, -39.1989, -74.1161**, and **79.2450, -39.0678, -69.4979** is the 20% darker color. If you saturate the color by 10%, you get **117.6990, -37.8126, -98.8370**, and if you desaturate by 10%, it is **132.4810, -30.3101, -78.4748**.

# Distribution



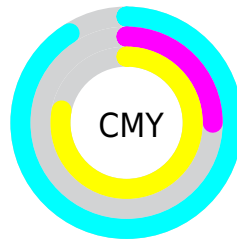
- Red (9%)
- Green (75%)
- Blue (22%)



- Red (9%)
- Yellow (64%)
- Blue (75%)



- Cyan (87%)
- Magenta (0%)
- Yellow (71%)
- Black (25%)




- Cyan (91%)
- Magenta (25%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 125.0900, -34.0614, -88.6559 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 125.0900, -34.0614, -88.6559 by changing the saturation by 10% instead.





 125.0900,  
-34.0614, -88.6559


 125.0900,  
-34.0614, -88.6559


255.0000, 0.0000,  
0.0000


 98.0580, -35.5246,  
-85.9969


 189.5110,  
-39.1989, -74.1161


 79.2450, -39.0678,  
-69.4979


 205.9670,  
-34.0007, -61.3611


 63.3960, -31.2542,  
-55.5983


 218.4280,  
-26.3400, -45.1024

 48.1340, -23.7301,  
-42.2135

 230.8890,  
-18.6793, -28.8437

 34.0460, -16.7847,  
-29.8583

 243.0510,  
-10.8711, -13.1997

 19.3710, -9.5499,  
-16.9884

254.5440, -1.7472,

 0.0000, 0.0000,

0.3999

0.0000

■ 125.0900,  
-34.0614, -88.6559

■ 125.0900,  
-34.0614, -88.6559

■ 117.6990,  
-37.8126, -98.8370

■ 132.4810,  
-30.3101, -78.4748

■ 115.7480,  
-38.8228, -101.5110

■ 139.9860,  
-26.1221, -68.3937

■ 147.3770,  
-22.3709, -58.2126

■ 154.7680,  
-18.6196, -48.0315

■ 162.2730,  
-14.4316, -37.9504

■ 169.6640,  
-10.6804, -27.7693

■ 177.0550, -6.9291,  
-17.5882

■ 184.5600, -2.7411,  
-7.5071

■ 191.9510, 1.0102,  
2.6740

# Harmonies

## Analogous

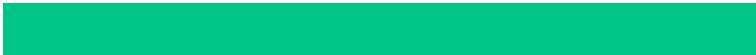
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



147.8630, -72.8965, 0.9971



125.0900, -34.0614, -88.6559



131.1430, 2.3945, -115.0124

# Triad

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



125.0900, -34.0614, -88.6559



135.3170, 59.0037, -118.6730



137.7170, -10.2135, 102.8572

# Complementary

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



125.0900, -34.0614, -88.6559



88.9100, 34.0614, 88.6559

# Split Complementary

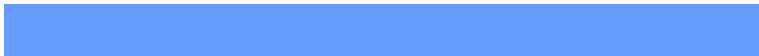
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



145.2070, 23.5619, 96.2885



125.0900, -34.0614, -88.6559



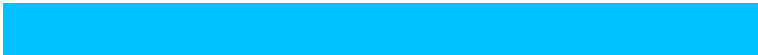
149.6560, 51.9346, -44.4253

# Square

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



125.0900, -34.0614, -88.6559



142.9480, 55.2416, -125.3654



166.5190, 43.6211, 55.6728



150.5270, -52.5178, 91.6228



# Rectangle

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



125.0900, -34.0614, -88.6559



137.8860, 25.6922, -120.9260



166.5190, 43.6211, 55.6728



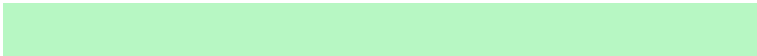
136.4580, 2.7322, 103.9613

# Sweetspot

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



125.0900, -34.0614, -88.6559



221.9360, -13.2794, -34.1469



162.1060, -68.0863, -1.8470



109.8050, -7.7919, -20.8770



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.



125.0900, -34.0614, -88.6559



150.4610, -50.5133, -131.9543



134.3240, 1.3193, -96.7541



90.5110, -1.7309, -4.8331



96.1660, -32.6198, -84.3376



18.8810, -6.3503, -16.5586



# Inverse Universe

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



88.9100, 34.0614, 88.6559



96.6530, 50.9501, 131.8543



79.6760, -1.3193, 96.7541



88.6030, 2.1677, 4.7332



61.8340, 32.6198, 84.3376

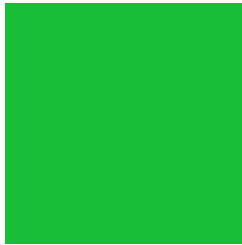


12.1190, 6.3503, 16.5586



# Previews

## White Background



This preview shows how the YUV color 125.0900, -34.0614, -88.6559 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 125.0900, -34.0614, -88.6559 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

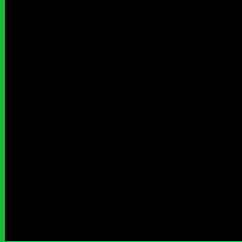
Any Text WCAG AA ✓ Pass

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 125.0900, -34.0614, -88.6559 Background



This preview shows how black text looks on a background with the YUV color 125.0900, -34.0614, -88.6559.



This preview shows how white text looks on a background with the YUV color 125.0900, -34.0614, -88.6559.



# 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

125.0900, -34.0614, -88.6559

### Protanopia

155.9840, -52.7431, 23.6930

### Deuteranopia

159.1350, -44.9296, 37.5926



## Tritanopia

149.7070, 20.8504, -61.1330

# Trichromacy



## Original Color

125.0900, -34.0614, -88.6559



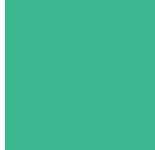
## Protanomaly

144.8540, -45.7770, -17.4120



## Deuteranomaly

146.8750, -40.8574, -8.6604



## Tritanomaly

141.0760, 0.9485, -71.1037

# Monochromacy



## Original Color

125.0900, -34.0614, -88.6559



## Achromatopsia

125.0000, 0.0000, 0.0000



## Achromatomaly

125.1750, -12.4113, -32.6025

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.0900, -34.0614, -88.6559 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(24, 190, 56)` looks like.

```
.text, #text, p{  
    color:rgb(24, 190, 56)  
}
```

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(24, 190, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 190, 56) }
```

## Border

The CSS property to change the border of an element to YUV 125.0900, -34.0614, -88.6559 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(24, 190, 56) }
```



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

```
.border{ border-color:rgb(24, 190, 56) }
```

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

Here you see how a box with a 4 pixel rgb(24, 190, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 190, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 190, 56);  
box-shadow:4px 4px 4px 4px rgb(24, 190,  
56) }
```

# Background

The CSS property to change the background color of an element to YUV 125.0900, -34.0614, -88.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 190, 56) }
```

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

```
.background{ background-color: rgb(24, 190,  
56) }
```

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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