

Converting Colors

YUV(152.4090, -34.7116,
-113.4917)

Have a look what the booklet for
YUV(152.4090, -34.7116, -113.4917)
contains.

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Color

**YUV(152.4090, -34.7116,
-113.4917)**

Conversions

Conversions Part 1

Format	Color
Hex	17E852
RGB	23, 232, 82
RGB Percent	9%, 91%, 32%
CMY	0.9098, 0.0902, 0.6784
CMYK	0.90, 0.00, 0.65, 0.09
HSL	137°, 82%, 50%
HSV	137°, 90%, 91%
XYZ	30.7330, 58.5046, 17.6554
YIQ	152.4090, -76.4140, -90.9580

Conversions

Conversions Part 2

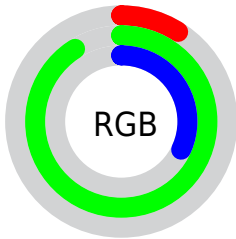
Format	Color
R_{YB}	23, 186, 232
Decimal	1566802
CIE _{Lab}	81.02, -75.00, 58.21
CIE _{LCh}	81, 94.941, 142.183
Yxy	58.5046, 0.2875, 0.5473
Android (android.graphics.Color)	4279756882 (0xFF17E852)
YUV	152.4090, -34.7116, -113.4917
Hunter-Lab	76.4883, -62.1333, 39.8562

Details

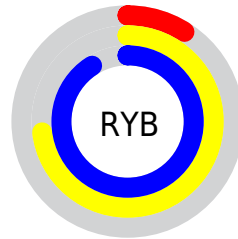
The YUV color **152.4090, -34.7116, -113.4917** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **102.5910, 34.7116, 113.4917**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6880, -30.9052, -74.2714**, and **105.0050, -41.9075, -92.0894** is the 20% darker color. If you saturate the color by 10%, you get **143.5940, -38.7468, -125.9319**, and if you desaturate by 10%, it is **161.2240, -30.6764, -101.0514**.

Distribution



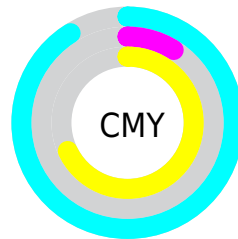
- Red (9%)
- Green (91%)
- Blue (32%)



- Red (9%)
- Yellow (73%)
- Blue (91%)



- Cyan (90%)
- Magenta (0%)
- Yellow (65%)
- Black (9%)



- Cyan (91%)
- Magenta (9%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.4090, -34.7116, -113.4917 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 152.4090, -34.7116, -113.4917 by changing the saturation by 10% instead.

■ 152.4090,
-34.7116, -113.4917

■ 152.4090,
-34.7116, -113.4917

■ 255.0000, 0.0000,
0.0000

■ 125.3170,
-35.1593, -109.9030

■ 199.6880,
-30.9052, -74.2714

■ 105.0050,
-41.9075, -92.0894

■ 213.0460,
-23.6867, -56.1683

■ 86.2890, -42.5405,
-75.6755

■ 225.8060,
-16.1734, -39.2949

■ 70.4400, -34.7269,
-61.7759

■ 238.6800, -8.2232,
-22.5214

■ 54.5910, -26.9134,
-47.8763

■ 251.2550, -0.1257,
-6.3626

■ 39.9160, -19.6786,
-35.0063

■ 25.2410, -12.4438,

-22.1364

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 152.4090,
-34.7116, -113.4917

■ 152.4090,
-34.7116, -113.4917

■ 143.5940,
-38.7468, -125.9319

■ 161.2240,
-30.6764, -101.0514

■ 169.9250,
-27.0780, -88.5112

■ 179.0390,
-23.1902, -75.4562

■ 187.8540,
-19.1550, -63.0160

■ 196.5550,
-15.5566, -50.4757

■ 205.3700,
-11.5214, -38.0355

■ 214.1850, -7.4862,
-25.5952

■ 223.1850, -4.0352,
-12.4402

■ 232.0000, 0.0000,
0.0000

Harmonies

Analogous

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



180.0140, -88.7469, -1.7663



152.4090, -34.7116, -113.4917



160.7160, 6.5490, -140.9479

Triad

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



152.4090, -34.7116, -113.4917



157.6230, 48.0069, -138.2354



156.7750, -8.2701, 86.1433

Complementary

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



152.4090, -34.7116, -113.4917



102.5910, 34.7116, 113.4917

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.



163.8720, 31.6151, 79.9193



152.4090, -34.7116, -113.4917



182.4820, 35.7514, -33.7487

Square

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



152.4090, -34.7116, -113.4917



167.0150, 43.3766, -146.4722



189.8430, 32.1224, 57.1427



170.6790, -56.5367, 73.9495

Rectangle

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



152.4090, -34.7116, -113.4917



168.3710, 33.3411, -147.6614



189.8430, 32.1224, 57.1427



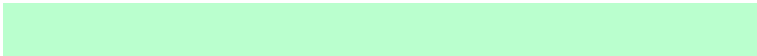
155.3850, 6.7122, 87.3624

Sweetspot

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



152.4090, -34.7116, -113.4917



228.7830, -11.2320, -37.5207



191.4300, -83.0360, -13.5321



112.3210, -7.0603, -22.2065



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



152.4090, -34.7116, -113.4917



157.8930, -42.3452, -138.4722



163.9230, 9.4050, -123.5895



110.5000, -1.7255, -6.5775



110.7730, -29.9611, -97.1479



31.5330, -8.6438, -27.6544

Inverse Universe

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



102.5910, 34.7116, 113.4917



97.1070, 42.3452, 138.4722



91.0770, -9.4050, 123.5895



107.6140, 2.1623, 6.4775



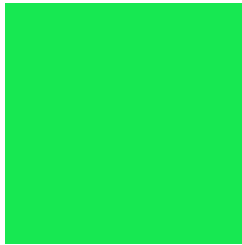
68.1130, 29.5243, 97.2479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 152.4090, -34.7116, -113.4917 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 152.4090, -34.7116, -113.4917 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 152.4090, -34.7116, -113.4917 Background



This preview shows how black text looks on a background with the YUV color 152.4090, -34.7116, -113.4917.

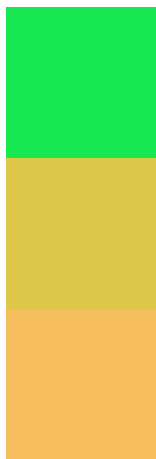


This preview shows how white text looks on a background with the YUV color 152.4090, -34.7116, -113.4917.

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

152.4090, -34.7116, -113.4917

Protanopia

192.1000, -58.7163, 26.2223

Deuteranopia

195.9140, -49.7506, 43.9254



Tritanopia

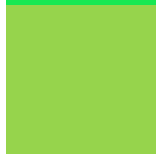
182.5740, 25.8460, -76.8024

Trichromacy



Original Color

152.4090, -34.7116, -113.4917



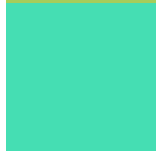
Protanomaly

177.9580, -50.2653, -24.5192



Deuteranomaly

179.9300, -44.3355, -13.0936



Tritanomaly

171.3510, 3.7710, -89.7618

Monochromacy



Original Color

152.4090, -34.7116, -113.4917



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

152.1200, -12.3842, -41.3242

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.4090, -34.7116, -113.4917 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(23, 232, 82)` looks like.

```
.text, #text, p{  
    color:rgb(23, 232, 82)  
}
```

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(23, 232, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 232, 82) }
```

Border

The CSS property to change the border of an element to YUV 152.4090, -34.7116, -113.4917 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(23, 232, 82) }
```


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

```
.border{ border-color:rgb(23, 232, 82) }
```

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

Here you see how a box with a 4 pixel rgb(23, 232, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 232, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 232, 82);  
box-shadow:4px 4px 4px 4px rgb(23, 232,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 152.4090, -34.7116, -113.4917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 232, 82) }
```

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

```
.background{ background-color: rgb(23, 232,  
82) }
```

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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