

Converting Colors

YUV(152.6040, -13.6088,
-115.4167)

Have a look what the booklet for
YUV(152.6040, -13.6088, -115.4167)
contains.

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Color

**YUV(152.6040, -13.6088,
-115.4167)**

Conversions

Conversions Part 1

Format	Color
Hex	15E17D
RGB	21, 225, 125
RGB Percent	8%, 88%, 49%
CMY	0.9176, 0.1176, 0.5098
CMYK	0.91, 0.00, 0.44, 0.12
HSL	151°, 83%, 48%
HSV	151°, 91%, 88%
XYZ	30.9361, 55.4905, 28.4823
YIQ	152.6040, -89.4840, -74.3480

Conversions

Conversions Part 2

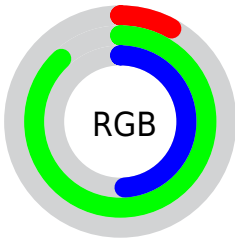
Format	Color
RYB	21, 156, 225
Decimal	1433981
CIELab	79.32, -66.94, 36.44
CIELCh	79, 76.214, 151.436
Yxy	55.4905, 0.2692, 0.4829
Android (android.graphics.Color)	4279624061 (0xFF15E17D)
YUV	152.6040, -13.6088, -115.4167
Hunter-Lab	74.4920, -56.2308, 29.4746

Details

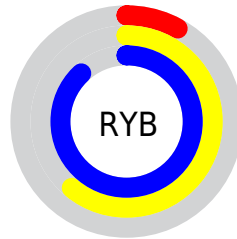
The YUV color **152.6040, -13.6088, -115.4167** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **93.3960, 13.6088, 115.4167**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.2800, -11.9700, -80.9296**, and **107.0520, -16.2946, -93.8846** is the 20% darker color. If you saturate the color by 10%, you get **145.1850, -14.8812, -127.3272**, and if you desaturate by 10%, it is **160.7350, -12.1944, -102.3766**.

Distribution



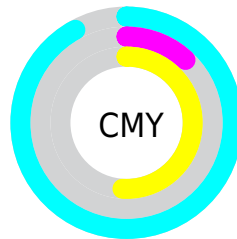
- Red (8%)
- Green (88%)
- Blue (49%)



- Red (8%)
- Yellow (61%)
- Blue (88%)



- Cyan (91%)
- Magenta (0%)
- Yellow (44%)
- Black (12%)



- Cyan (92%)
- Magenta (12%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.6040, -13.6088, -115.4167 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 152.6040, -13.6088, -115.4167 by changing the saturation by 10% instead.

■ 152.6040,
-13.6088, -115.4167

■ 152.6040,
-13.6088, -115.4167

■ 255.0000, 0.0000,
0.0000

■ 126.3380,
-13.4776, -110.7984

■ 203.2800,
-11.9700, -80.9296

■ 107.0520,
-16.2946, -93.8846

■ 216.3390, -4.6041,
-63.4413

■ 88.4670, -18.9642,
-77.5856

■ 229.0990, 2.9092,
-46.5678

■ 69.7680, -22.0706,
-61.1865

■ 240.6480, 7.0755,
-29.5093

■ 51.6560, -25.4664,
-45.3023

■ 250.2160, 2.3585,
-9.8364

■ 36.9810, -18.2316,
-32.4323

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 152.6040,
-13.6088, -115.4167

■ 152.6040,
-13.6088, -115.4167

■ 145.1850,
-14.8812, -127.3272

■ 160.7350,
-12.1944, -102.3766

■ 168.5670,
-10.6325, -89.9513

■ 176.6980, -9.2181,
-76.9111

■ 184.5300, -7.6563,
-64.4858

■ 192.6610, -6.2419,
-51.4457

■ 200.4930, -4.6800,
-39.0204

■ 208.6240, -3.2656,
-25.9802

■ 216.4560, -1.7038,
-13.5549

■ 224.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



180.0420, -57.7017, -19.3308



152.6040, -13.6088, -115.4167



157.5820, 19.9261, -138.1994

Triad

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



152.6040, -13.6088, -115.4167



148.8180, 52.3477, -130.5134



172.3160, -22.3408, 72.5139

Complementary

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



152.6040, -13.6088, -115.4167



93.3960, 13.6088, 115.4167

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.



173.1380, 11.2710, 71.7930



152.6040, -13.6088, -115.4167



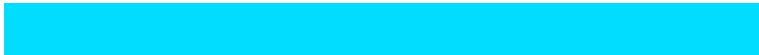
192.4810, 30.8219, 7.4712

Square

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



152.6040, -13.6088, -115.4167



158.7970, 47.4281, -139.2650



190.4300, 31.8330, 56.6279



182.0260, -56.2148, 63.9982

Rectangle

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



152.6040, -13.6088, -115.4167



163.0540, 40.8924, -142.9984



190.4300, 31.8330, 56.6279



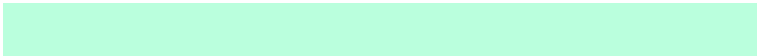
170.7150, -10.7055, 73.9179

Sweetspot

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



152.6040, -13.6088, -115.4167



230.4930, -4.6800, -39.0204



171.2460, -74.0713, -42.3117



113.4610, -2.6923, -23.2063



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.



152.6040, -13.6088, -115.4167



164.5050, -17.0110, -144.2709



164.0040, 30.0710, -125.4145



108.1410, -0.5625, -6.2627



113.5720, -11.6210, -99.6026



31.0260, -2.9708, -27.2098

Inverse Universe

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



93.3960, 13.6088, 115.4167



90.4950, 17.0110, 144.2709



81.9960, -30.0710, 125.4145



104.8590, 0.5625, 6.2627



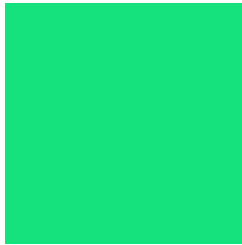
62.4280, 11.6210, 99.6026



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 152.6040, -13.6088, -115.4167 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 152.6040, -13.6088, -115.4167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

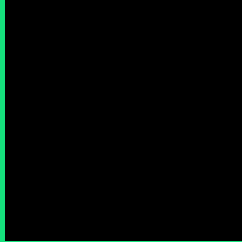
Any Text WCAG AA ✓ Pass

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 152.6040, -13.6088, -115.4167 Background



This preview shows how black text looks on a background with the YUV color 152.6040, -13.6088, -115.4167.



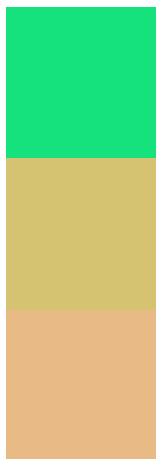
This preview shows how white text looks on a background with the YUV color 152.6040, -13.6088, -115.4167.

-115.4167.

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

152.6040, -13.6088, -115.4167

Protanopia

191.1480, -38.0340, 19.1642

Deuteranopia

193.8260, -29.4942, 33.4786



Tritanopia

176.9650, 26.1463, -79.7763

Trichromacy



Original Color

152.6040, -13.6088, -115.4167



Protanomaly

177.1310, -29.1516, -29.9329



Deuteranomaly

178.6790, -23.5057, -20.7665



Tritanomaly

167.8050, 11.9281, -92.7910

Monochromacy



Original Color

152.6040, -13.6088, -115.4167



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.7700, -4.8166, -41.8943

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.6040, -13.6088, -115.4167 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(21, 225, 125)` looks like.

```
.text, #text, p{  
    color:rgb(21, 225, 125)  
}
```

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(21, 225, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 225, 125) }
```

Border

The CSS property to change the border of an element to YUV 152.6040, -13.6088, -115.4167 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(21, 225, 125) }
```


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

```
.border{ border-color:rgb(21, 225, 125) }
```

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

Here you see how a box with a 4 pixel rgb(21, 225, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 225, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 225, 125);  
box-shadow:4px 4px 4px 4px rgb(21, 225,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 152.6040, -13.6088, -115.4167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 225, 125) }
```

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

```
.background{ background-color: rgb(21, 225,  
125) }
```

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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