

Converting Colors

YUV(175.6390, -23.4860,
-120.7094)

Have a look what the booklet for
YUV(175.6390, -23.4860, -120.7094)
contains.

YUV(175.6390, -23.4860, -120.7094)	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(175.6390, -23.4860,
-120.7094)**

Conversions

Conversions Part 1

Format	Color
Hex	26FF80
RGB	38, 255, 128
RGB Percent	15%, 100%, 50%
CMY	0.8510, 0.0000, 0.4980
CMYK	0.85, 0.00, 0.50, 0.00
HSL	145°, 100%, 57%
HSV	145°, 85%, 100%
XYZ	40.4556, 73.4906, 32.4749
YIQ	175.6390, -88.5650, -85.5010

Conversions

Conversions Part 2

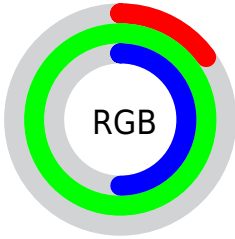
Format	Color
R_{YB}	38, 191, 255
Decimal	2555776
CIE _{Lab}	88.68, -75.10, 46.86
CIE _{LCh}	89, 88.520, 148.038
Yxy	73.4906, 0.2763, 0.5019
Android (android.graphics.Color)	4280745856 (0xFF26FF80)
YUV	175.6390, -23.4860, -120.7094
Hunter-Lab	85.7266, -65.7850, 37.5484

Details

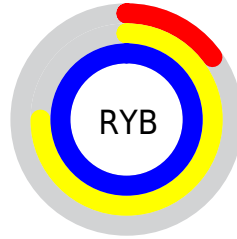
The YUV color **175.6390, -23.4860, -120.7094** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **117.3610, 23.4860, 120.7094**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.9220, -12.2865, -72.7226**, and **124.1890, -24.2502, -108.9138** is the 20% darker color. If you saturate the color by 10%, you get **166.4540, -26.3528, -134.5792**, and if you desaturate by 10%, it is **185.1230, -20.7666, -106.2249**.

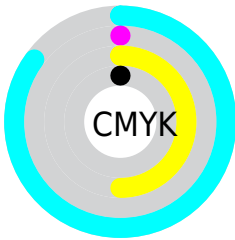
Distribution



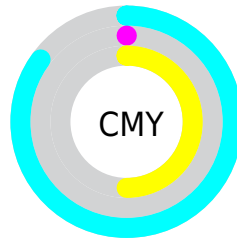
- Red (15%)
- Green (100%)
- Blue (50%)



- Red (15%)
- Yellow (75%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.6390, -23.4860, -120.7094 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 175.6390, -23.4860, -120.7094 by changing the saturation by 10% instead.

■ 175.6390,
-23.4860, -120.7094

■ 175.6390,
-23.4860, -120.7094

■ 255.0000, 0.0000,
0.0000

■ 144.2900,
-20.8490, -126.5423

■ 207.9220,
-12.2865, -72.7226

■ 124.1890,
-24.2502, -108.9138

■ 220.9810, -4.9206,
-55.2343

■ 104.2020,
-27.2146, -91.3852

■ 234.1540, 2.8821,
-37.8461

■ 85.0470, -32.0682,
-74.5862

■ 245.4320, 4.7170,
-19.6729

■ 66.3310, -32.7012,
-58.1723

■ 51.0690, -25.1770,
-44.7875

■ 36.3940, -17.9422,

-31.9175

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 175.6390,
-23.4860, -120.7094

■ 175.6390,
-23.4860, -120.7094

■ 166.4540,
-26.3528, -134.5792


■ 185.1230,
-20.7666, -106.2249


■ 161.7690,
-27.4941, -141.8714

■ 194.3080,
-17.8998, -92.3551


■ 203.7920,
-15.1805, -77.8706

■ 212.9770,
-12.3137, -64.0008

 222.4610, -9.5943,
-49.5163

 231.6460, -6.7275,
-35.6465

 241.0160, -4.4449,
-21.0620

 250.2010, -1.5781,
-7.1923

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



202.8950, -74.8842, -14.8169



175.6390, -23.4860, -120.7094



174.0810, 19.6801, -152.6690

Triad

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



175.6390, -23.4860, -120.7094



166.4280, 43.6660, -145.9574



180.5800, -16.0619, 65.2663

Complementary

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



175.6390, -23.4860, -120.7094



117.3610, 23.4860, 120.7094

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.



183.6990, 23.8124, 62.5310



175.6390, -23.4860, -120.7094



211.0210, 21.6816, -0.8954

Square

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



175.6390, -23.4860, -120.7094



177.5810, 38.1676, -155.7385



201.5830, 26.3346, 46.8467



192.2160, -57.7875, 55.0616

Rectangle

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



175.6390, -23.4860, -120.7094



178.7550, 37.5888, -156.7681



201.5830, 26.3346, 46.8467



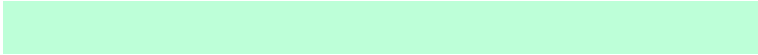
178.9620, -1.9533, 66.6853

Sweetspot

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



175.6390, -23.4860, -120.7094



230.8200, -7.3063, -36.6761



204.2490, -81.9608, -31.7904



113.3040, -4.5869, -22.1916



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.



175.6390, -23.4860, -120.7094



161.7690, -27.4941, -141.8714



187.6090, 22.3778, -131.2071



123.2010, -1.5781, -7.1923



121.1230, -20.7666, -106.2249



40.5320, -7.1643, -35.5466

Inverse Universe

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



117.3610, 23.4860, 120.7094



93.2310, 27.4941, 141.8714



105.3910, -22.3778, 131.2071



119.6850, 1.1413, 7.2923



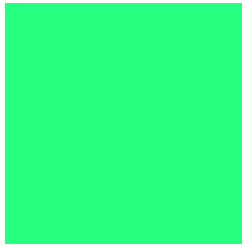
69.8770, 20.7666, 106.2249



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 175.6390, -23.4860, -120.7094 looks on a white background.

Color Contrast Check

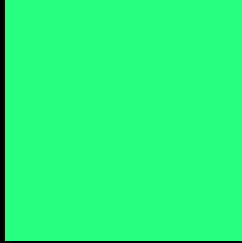
Large Text (above 18pt) WCAG AA × Fail

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 175.6390, -23.4860, -120.7094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

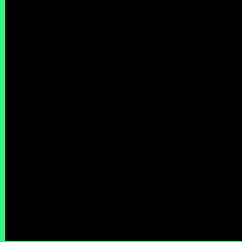
Any Text WCAG AA ✓ Pass

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 175.6390, -23.4860, -120.7094 Background



This preview shows how black text looks on a background with the YUV color 175.6390, -23.4860, -120.7094.

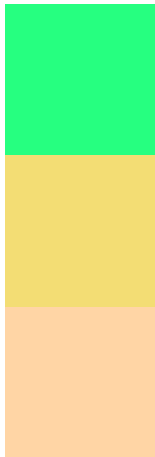


This preview shows how white text looks on a background with the YUV color 175.6390, -23.4860, -120.7094.

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

175.6390, -23.4860, -120.7094

Protanopia

215.6080, -49.1067, 24.0228

Deuteranopia

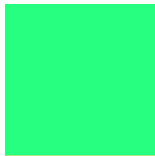
220.0860, -27.1574, 30.6196



Tritanopia

206.7490, 23.7877, -69.9399

Trichromacy



Original Color

175.6390, -23.4860, -120.7094



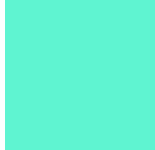
Protanomaly

200.6830, -39.7767, -28.6630



Deuteranomaly

203.7880, -25.5315, -24.3701



Tritanomaly

195.4590, 6.6757, -88.1025

Monochromacy



Original Color

175.6390, -23.4860, -120.7094



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.1350, -8.4476, -43.9684

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.6390, -23.4860, -120.7094 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(38, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(38, 255, 128)  
}
```

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(38, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 255, 128) }
```

Border

The CSS property to change the border of an element to YUV 175.6390, -23.4860, -120.7094 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(38, 255, 128) }
```


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

```
.border{ border-color:rgb(38, 255, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(38, 255,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 175.6390, -23.4860, -120.7094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 255, 128) }
```

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

```
.background{ background-color: rgb(38, 255,  
128) }
```

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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