

Converting Colors

YUV(146.8520, -60.0730,
-98.9712)

Have a look what the booklet for
YUV(146.8520, -60.0730, -98.9712)
contains.

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Color

**YUV(146.8520, -60.0730,
-98.9712)**

Conversions

Conversions Part 1

Format	Color
Hex	22E419
RGB	34, 228, 25
RGB Percent	13%, 89%, 10%
CMY	0.8667, 0.1059, 0.9020
CMYK	0.85, 0.00, 0.89, 0.11
HSL	117°, 80%, 50%
HSV	117°, 89%, 89%
XYZ	28.5786, 55.8971, 10.2027
YIQ	146.8520, -50.4610, -104.2610

Conversions

Conversions Part 2

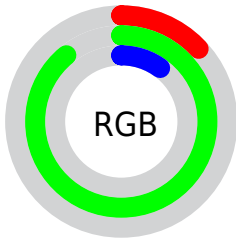
Format	Color
R_{YB}	25, 228, 219
Decimal	2286617
CIE _{Lab}	79.56, -76.91, 73.91
CIE _{LCh}	80, 106.665, 136.139
Yxy	55.8971, 0.3018, 0.5904
Android (android.graphics.Color)	4280476697 (0xFF22E419)
YUV	146.8520, -60.0730, -98.9712
Hunter-Lab	74.7643, -62.6063, 44.2441

Details

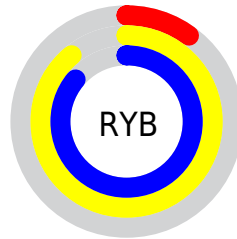
The YUV color **146.8520, -60.0730, -98.9712** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **106.1480, 60.0730, 98.9712**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.2810, -50.4245, -66.8984**, and **100.3770, -49.4859, -88.0306** is the 20% darker color. If you saturate the color by 10%, you get **137.6520, -66.8764, -110.1968**, and if you desaturate by 10%, it is **156.0520, -53.2696, -87.7456**.

Distribution



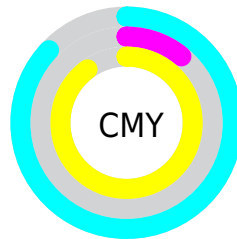
- Red (13%)
- Green (89%)
- Blue (10%)



- Red (10%)
- Yellow (89%)
- Blue (86%)



- Cyan (85%)
- Magenta (0%)
- Yellow (89%)
- Black (11%)



- Cyan (87%)
- Magenta (11%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.8520, -60.0730, -98.9712 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 146.8520, -60.0730, -98.9712 by changing the saturation by 10% instead.

■ 146.8520,
-60.0730, -98.9712

■ 146.8520,
-60.0730, -98.9712

■ 255.0000, 0.0000,
0.0000

■ 116.8130,
-57.5888, -102.4450

■ 196.2810,
-50.4245, -66.8984

■ 100.3770,
-49.4859, -88.0306

■ 209.5680,
-42.1850, -49.6101

■ 83.9410, -41.3829,
-73.6163

■ 222.7410,
-34.3823, -32.2219

■ 68.0920, -33.5694,
-59.7167

■ 235.3160,
-26.2848, -16.0631

■ 52.2430, -25.7558,
-45.8171

■ 248.1900,
-18.3347, 0.7104

■ 38.1550, -18.8104,
-33.4619

■ 253.4040, -6.1152,

■ 22.8930, -11.2862,

1.3997

-20.0772

■ 0.0000, 0.0000,
0.0000

■ 146.8520,
-60.0730, -98.9712

■ 146.8520,
-60.0730, -98.9712

■ 137.6520,
-66.8764, -110.1968

■ 156.0520,
-53.2696, -87.7456

■ 136.8260,
-67.4552, -111.2264

■ 165.2520,
-46.4662, -76.5200

■ 174.0390,
-39.9522, -65.8092

■ 183.2390,
-33.1488, -54.5836

■ 192.4390,
-26.3454, -43.3580

■ 201.6390,
-19.5420, -32.1324

■ 210.8390,
-12.7386, -20.9068

■ 219.6260, -6.2246,
-10.1960

■ 228.8260, 0.5788,
1.0296

Harmonies

Analogous

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



178.8950, -88.1952, 7.9851



146.8520, -60.0730, -98.9712



155.7630, -4.8132, -136.6042

Triad

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



146.8520, -60.0730, -98.9712



159.3840, 47.1387, -139.7798



133.7340, 7.5261, 106.3503

Complementary

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



146.8520, -60.0730, -98.9712



106.1480, 60.0730, 98.9712

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.



150.8900, 47.8752, 91.3045



146.8520, -60.0730, -98.9712



141.1870, 56.1098, -123.8210

Square

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



146.8520, -60.0730, -98.9712



168.1890, 42.7978, -147.5018



188.0820, 32.9906, 58.6871



155.9070, -52.2122, 86.9046

Rectangle

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



146.8520, -60.0730, -98.9712



165.5040, 24.8945, -145.1470



188.0820, 32.9906, 58.6871



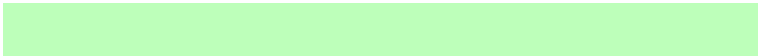
132.0990, 24.1082, 107.7842

Sweetspot

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



146.8520, -60.0730, -98.9712



227.4000, -20.4102, -33.6768



198.9880, -85.7761, 25.4435



111.6650, -12.1598, -19.8772



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.



146.8520, -60.0730, -98.9712



152.9740, -75.4162, -124.5112



154.5350, -18.9978, -113.6022



110.3430, -3.6201, -5.5628



107.4650, -52.9802, -87.2308



30.5350, -15.0538, -25.0252

Inverse Universe

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



106.1480, 60.0730, 98.9712



102.0260, 75.4162, 124.5112



98.4650, 18.9978, 113.6022



107.6570, 3.6201, 5.5628



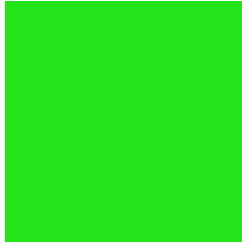
71.5350, 52.9802, 87.2308



20.4650, 15.0538, 25.0252

Previews

White Background



This preview shows how the YUV color 146.8520, -60.0730, -98.9712 looks on a white background.

Color Contrast Check

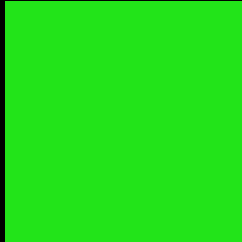
Large Text (above 18pt) WCAG AA × Fail

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 146.8520, -60.0730, -98.9712 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 146.8520, -60.0730, -98.9712 Background



This preview shows how black text looks on a background with the YUV color 146.8520, -60.0730, -98.9712.



This preview shows how white text looks on a background with the YUV color 146.8520, -60.0730, -98.9712.

-98.9712.

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

146.8520, -60.0730, -98.9712

Protanopia

181.9720, -84.7822, 33.3506

Deuteranopia

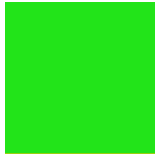
188.0060, -66.0650, 49.9837



Tritanopia

180.4500, 23.9352, -70.5546

Trichromacy



Original Color

146.8520, -60.0730, -98.9712



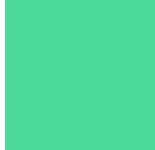
Protanomaly

169.2540, -76.0472, -15.1318



Deuteranomaly

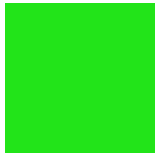
173.1210, -64.1497, -4.4911



Tritanomaly

168.3600, -6.5865, -80.9997

Monochromacy



Original Color

146.8520, -60.0730, -98.9712



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.7480, -21.5678, -35.7360

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.8520, -60.0730, -98.9712 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(34, 228, 25)` looks like.

```
.text, #text, p{  
    color:rgb(34, 228, 25)  
}
```

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(34, 228, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 228, 25) }
```

Border

The CSS property to change the border of an element to YUV 146.8520, -60.0730, -98.9712 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(34, 228, 25) }
```


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

```
.border{ border-color:rgb(34, 228, 25) }
```

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

Here you see how a box with a 4 pixel rgb(34, 228, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 228, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 228, 25);  
box-shadow:4px 4px 4px 4px rgb(34, 228,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 146.8520, -60.0730, -98.9712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 228, 25) }
```

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

```
.background{ background-color: rgb(34, 228,  
25) }
```

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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