

Converting Colors

YUV(145.1290, -56.7586,
-88.6901)

Have a look what the booklet for
YUV(145.1290, -56.7586, -88.6901)
contains.

YUV(145.1290, -56.7586, -88.6901)	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(145.1290, -56.7586,
-88.6901)**

Conversions

Conversions Part 1

Format	Color
Hex	2CDB1E
RGB	44, 219, 30
RGB Percent	17%, 86%, 12%
CMY	0.8275, 0.1412, 0.8824
CMYK	0.80, 0.00, 0.86, 0.14
HSL	116°, 76%, 49%
HSV	116°, 86%, 86%
XYZ	26.6046, 51.2922, 9.7265
YIQ	145.1290, -43.6310, -95.8790

Conversions

Conversions Part 2

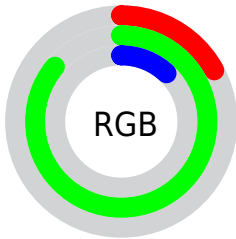
Format	Color
RYB	30, 219, 205
Decimal	2939678
CIELab	76.86, -73.17, 70.69
CIELCh	77, 101.739, 135.987
Yxy	51.2922, 0.3036, 0.5854
Android (android.graphics.Color)	4281129758 (0xFF2CDB1E)
YUV	145.1290, -56.7586, -88.6901
Hunter-Lab	71.6186, -59.0242, 42.0809

Details

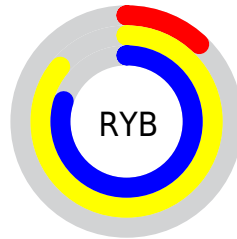
The YUV color **145.1290, -56.7586, -88.6901** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **103.8710, 56.7586, 88.6901**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.9930, -50.2825, -65.7689**, and **95.0940, -46.8813, -83.3974** is the 20% darker color. If you saturate the color by 10%, you get **136.6410, -63.4200, -98.7862**, and if you desaturate by 10%, it is **153.6170, -50.0972, -78.5941**.

Distribution



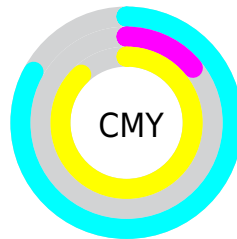
- Red (17%)
- Green (86%)
- Blue (12%)



- Red (12%)
- Yellow (86%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (86%)
- Black (14%)



- Cyan (83%)
- Magenta (14%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.1290, -56.7586, -88.6901 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 145.1290, -56.7586, -88.6901 by changing the saturation by 10% instead.

■ 145.1290,
-56.7586, -88.6901

■ 145.1290,
-56.7586, -88.6901

■ 255.0000, 0.0000,
0.0000

■ 111.5300,
-54.9843, -97.8118

■ 196.9930,
-50.2825, -65.7689

■ 95.0940, -46.8813,
-83.3974

■ 209.8670,
-42.3324, -48.9954

■ 79.2450, -39.0678,
-69.4979

■ 222.7410,
-34.3823, -32.2219

■ 63.3960, -31.2542,
-55.5983

■ 235.3160,
-26.2848, -16.0631

■ 48.1340, -23.7301,
-42.2135

■ 248.1900,
-18.3347, 0.7104

■ 34.0460, -16.7847,
-29.8583

■ 253.2900, -6.5520,

■ 18.7840, -9.2605,

1.4997

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 145.1290,
-56.7586, -88.6901

■ 145.1290,
-56.7586, -88.6901

■ 136.6410,
-63.4200, -98.7862

■ 153.6170,
-50.0972, -78.5941

■ 133.3370,
-65.7351, -102.9045

■ 162.4040,
-43.5832, -67.8833

■ 170.8920,
-36.9218, -57.7873

■ 179.3800,
-30.2603, -47.6913

■ 187.7540,
-24.0357, -37.4953

■ 196.5410,
-17.5217, -26.7845

■ 205.0290,
-10.8603, -16.6884

■ 213.5170, -4.1989,
-6.5924

■ 222.0050, 2.4625,
3.5036

Harmonies

Analogous

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



172.4050, -84.9957, 8.4148



145.1290, -56.7586, -88.6901



149.9100, -4.3926, -131.4711

Triad

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



145.1290, -56.7586, -88.6901



154.6880, 49.4538, -135.6614



134.9250, 4.4740, 105.3058

Complementary

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



145.1290, -56.7586, -88.6901



103.8710, 56.7586, 88.6901

Split Complementary

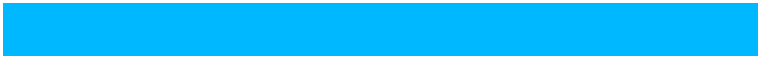
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



150.9240, 42.9285, 91.2747



145.1290, -56.7586, -88.6901



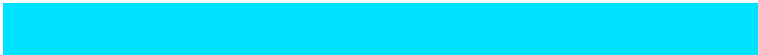
137.0780, 58.1355, -120.2174

Square

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



145.1290, -56.7586, -88.6901



162.3190, 45.6917, -142.3538



185.4350, 34.2955, 60.1315



154.3740, -50.4704, 88.2490

Rectangle

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



145.1290, -56.7586, -88.6901



158.6080, 23.8573, -139.0992



185.4350, 34.2955, 60.1315



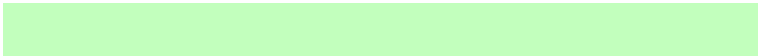
134.3500, 20.0405, 105.8101

Sweetspot

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



145.1290, -56.7586, -88.6901



229.2370, -19.8368, -30.9028



188.0620, -77.9246, 27.1326



112.3770, -12.0179, -18.7476



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.



145.1290, -56.7586, -88.6901



155.3660, -76.5954, -119.5930



149.9490, -20.1879, -105.1953



105.4570, -3.1833, -5.6628



105.4380, -51.9809, -81.0681



27.8990, -13.7542, -21.8364

Inverse Universe

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



103.8710, 56.7586, 88.6901



99.6340, 76.5954, 119.5930



99.0510, 20.1879, 105.1953



103.2440, 3.3307, 5.0480



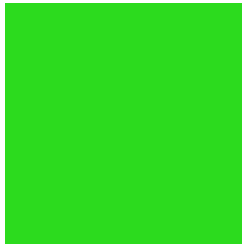
67.8610, 51.8335, 81.6829



17.8020, 13.9016, 21.2216

Previews

White Background



This preview shows how the YUV color 145.1290, -56.7586, -88.6901 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 145.1290, -56.7586, -88.6901 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 145.1290, -56.7586, -88.6901 Background



This preview shows how black text looks on a background with the YUV color 145.1290, -56.7586, -88.6901.



This preview shows how white text looks on a background with the YUV color 145.1290, -56.7586, -88.6901.

-88.6901.

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

145.1290, -56.7586, -88.6901

Protanopia

176.0240, -76.9198, 31.5510

Deuteranopia

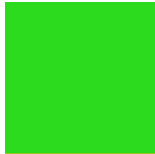
181.3200, -62.2758, 47.9544



Tritanopia

174.4290, 22.4665, -66.1512

Trichromacy



Original Color

145.1290, -56.7586, -88.6901



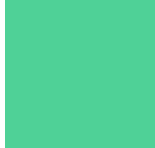
Protanomaly

164.6980, -69.3641, -12.0131



Deuteranomaly

168.1690, -60.2293, -1.9022



Tritanomaly

163.5180, -6.1714, -74.1223

Monochromacy



Original Color

145.1290, -56.7586, -88.6901



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

144.9980, -20.7050, -32.4472

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.1290, -56.7586, -88.6901 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(44, 219, 30)` looks like.

```
.text, #text, p{  
    color:rgb(44, 219, 30)  
}
```

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(44, 219, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 219, 30) }
```

Border

The CSS property to change the border of an element to YUV 145.1290, -56.7586, -88.6901 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(44, 219, 30) }
```


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

```
.border{ border-color:rgb(44, 219, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 219, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 219, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 219, 30);  
box-shadow:4px 4px 4px 4px rgb(44, 219,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 145.1290, -56.7586, -88.6901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 219, 30) }
```

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

```
.background{ background-color: rgb(44, 219,  
30) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor