

Converting Colors

YUV(142.1820, -53.8267,
-95.7526)

Have a look what the booklet for
YUV(142.1820, -53.8267, -95.7526)
contains.

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Color

**YUV(142.1820, -53.8267,
-95.7526)**

Conversions

Conversions Part 1

Format	Color
Hex	21DB21
RGB	33, 219, 33
RGB Percent	13%, 86%, 13%
CMY	0.8706, 0.1412, 0.8706
CMYK	0.85, 0.00, 0.85, 0.14
HSL	120°, 74%, 49%
HSV	120°, 85%, 86%
XYZ	26.2332, 51.0962, 9.9188
YIQ	142.1820, -51.1500, -97.2780

Conversions

Conversions Part 2

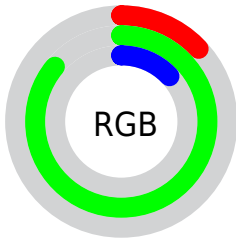
Format	Color
RYB	33, 219, 219
Decimal	2218785
CIELab	76.74, -74.19, 69.90
CIElCh	77, 101.931, 136.704
Yxy	51.0962, 0.3007, 0.5856
Android (android.graphics.Color)	4280408865 (0xFF21DB21)
YUV	142.1820, -53.8267, -95.7526
Hunter-Lab	71.4816, -59.5846, 41.8101

Details

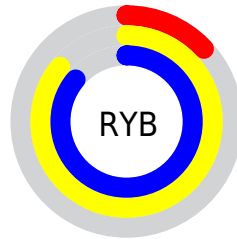
The YUV color **142.1820, -53.8267, -95.7526** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **109.8180, 53.8267, 95.7526**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7260, -48.6719, -69.0427**, and **95.0940, -46.8813, -83.3974** is the 20% darker color. If you saturate the color by 10%, you get **133.0960, -60.1933, -107.0782**, and if you desaturate by 10%, it is **151.2680, -47.4601, -84.4270**.

Distribution



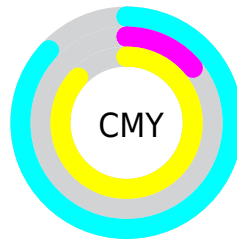
- Red (13%)
- Green (86%)
- Blue (13%)



- Red (13%)
- Yellow (86%)
- Blue (86%)



- Cyan (85%)
- Magenta (0%)
- Yellow (85%)
- Black (14%)



- Cyan (87%)
- Magenta (14%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.1820, -53.8267, -95.7526 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 142.1820, -53.8267, -95.7526 by changing the saturation by 10% instead.

■ 142.1820,
-53.8267, -95.7526

■ 142.1820,
-53.8267, -95.7526

255.0000, 0.0000,
0.0000

■ 111.5300,
-54.9843, -97.8118

■ 195.7260,
-48.6719, -69.0427

■ 95.0940, -46.8813,
-83.3974

■ 208.8990,
-40.8692, -51.6544

■ 79.2450, -39.0678,
-69.4979

■ 221.6590,
-33.3559, -34.7809

■ 63.3960, -31.2542,
-55.5983

■ 234.2340,
-25.2584, -18.6222

■ 48.1340, -23.7301,
-42.2135

■ 247.1080,
-17.3082, -1.8487

■ 34.0460, -16.7847,
-29.8583

■ 253.5180, -5.6784,

■ 18.1970, -8.9711,

1.2997

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 142.1820,
-53.8267, -95.7526

■ 142.1820,
-53.8267, -95.7526

■ 133.0960,
-60.1933, -107.0782

■ 151.2680,
-47.4601, -84.4270

■ 128.5530,
-63.3766, -112.7410

■ 160.3540,
-41.0935, -73.1015

■ 169.4400,
-34.7269, -61.7759

■ 178.5260,
-28.3603, -50.4503

■ 187.1990,
-22.2831, -39.6395

■ 196.2850,
-15.9165, -28.3139

■ 205.3710, -9.5499,
-16.9884

■ 214.4570, -3.1833,
-5.6628

■ 223.5430, 3.1833,
5.6628

Harmonies

Analogous

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



171.5080, -84.5534, 6.5705



142.1820, -53.8267, -95.7526



150.1380, -3.5190, -131.6710

Triad

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



142.1820, -53.8267, -95.7526



154.1010, 49.7432, -135.1466



134.5830, 3.1636, 105.6057

Complementary

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



142.1820, -53.8267, -95.7526



109.8180, 53.8267, 95.7526

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.



149.5220, 42.6337, 92.5042



142.1820, -53.8267, -95.7526



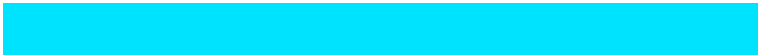
137.9860, 57.6879, -116.6287

Square

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



142.1820, -53.8267, -95.7526



162.3190, 45.6917, -142.3538



184.5600, 34.7269, 61.7759



154.0320, -51.7808, 88.5489

Rectangle

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



142.1820, -53.8267, -95.7526



158.8360, 24.7309, -139.2992



184.5600, 34.7269, 61.7759



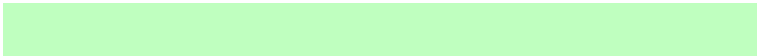
133.5350, 19.4562, 106.5248

Sweetspot

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



142.1820, -53.8267, -95.7526



228.5680, -18.5210, -32.9471



197.7960, -81.2444, 18.5959



111.8930, -11.2862, -20.0772



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.



142.1820, -53.8267, -95.7526



149.6850, -73.7947, -131.2737



152.7840, -13.2045, -105.0506



105.4570, -3.1833, -5.6628



101.5510, -50.0646, -89.0602



27.0020, -13.3120, -23.6808

Inverse Universe

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



109.8180, 53.8267, 95.7526



105.3150, 73.7947, 131.2737



99.2160, 13.2045, 105.0506



103.5430, 3.1833, 5.6628



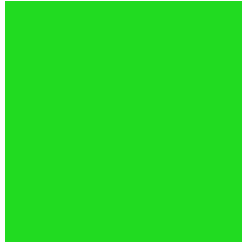
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 142.1820, -53.8267, -95.7526 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 142.1820, -53.8267, -95.7526 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 142.1820, -53.8267, -95.7526 Background



This preview shows how black text looks on a background with the YUV color 142.1820, -53.8267, -95.7526.



This preview shows how white text looks on a background with the YUV color 142.1820, -53.8267, -95.7526.

-95.7526.

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

142.1820, -53.8267, -95.7526

Protanopia

176.1810, -75.0252, 30.5363

Deuteranopia

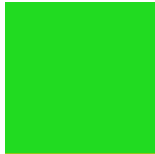
181.1350, -61.6916, 47.2396



Tritanopia

173.5320, 22.9087, -67.9956

Trichromacy



Original Color

142.1820, -53.8267, -95.7526



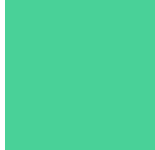
Protanomaly

163.5450, -67.3167, -15.3870



Deuteranomaly

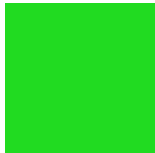
167.2010, -58.7661, -4.5613



Tritanomaly

161.8380, -4.8501, -77.9109

Monochromacy



Original Color

142.1820, -53.8267, -95.7526



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.9160, -19.6786, -35.0063

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1820, -53.8267, -95.7526 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(33, 219, 33)` looks like.

```
.text, #text, p{  
    color:rgb(33, 219, 33)  
}
```

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(33, 219, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 219, 33) }
```

Border

The CSS property to change the border of an element to YUV 142.1820, -53.8267, -95.7526 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(33, 219, 33) }
```


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

```
.border{ border-color:rgb(33, 219, 33) }
```

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

Here you see how a box with a 4 pixel rgb(33, 219, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 219, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 219, 33);  
box-shadow:4px 4px 4px 4px rgb(33, 219,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 142.1820, -53.8267, -95.7526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 219, 33) }
```

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

```
.background{ background-color: rgb(33, 219,  
33) }
```

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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