

Converting Colors

YUV(172.5820, -43.1779,
-11.0344)

Have a look what the booklet for
YUV(172.5820, -43.1779, -11.0344)
contains.

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Color

**YUV(172.5820, -43.1779,
-11.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C455
RGB	160, 196, 85
RGB Percent	63%, 77%, 33%
CMY	0.3725, 0.2314, 0.6667
CMYK	0.18, 0.00, 0.57, 0.23
HSL	79°, 48%, 55%
HSV	79°, 57%, 77%
XYZ	35.8768, 47.6093, 15.8929
YIQ	172.5820, 14.1750, -42.1530

Conversions

Conversions Part 2

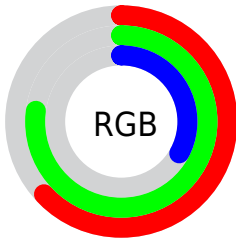
Format	Color
RYB	85, 196, 121
Decimal	10536021
CIELab	74.58, -29.07, 50.86
CIElCh	75, 58.586, 119.750
Yxy	47.6093, 0.3610, 0.4791
Android (android.graphics.Color)	4288726101 (0xFFA0C455)
YUV	172.5820, -43.1779, -11.0344
Hunter-Lab	68.9995, -27.9367, 34.6431

Details

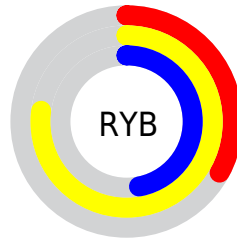
The YUV color **172.5820, -43.1779, -11.0344** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **108.4180, 43.1779, 11.0344**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1260, -44.9251, -10.6345**, and **118.5820, -43.1779, -11.0344** is the 20% darker color. If you saturate the color by 10%, you get **168.5080, -51.0294, -12.7235**, and if you desaturate by 10%, it is **176.6560, -35.3264, -9.3453**.

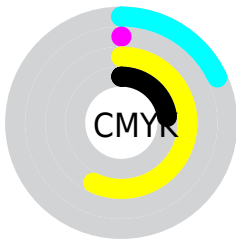
Distribution



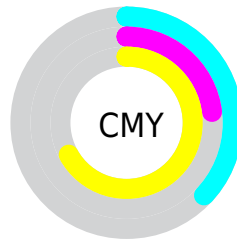
- Red (63%)
- Green (77%)
- Blue (33%)



- Red (33%)
- Yellow (77%)
- Blue (47%)



- Cyan (18%)
- Magenta (0%)
- Yellow (57%)
- Black (23%)



- Cyan (37%)
- Magenta (23%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5820, -43.1779, -11.0344 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 172.5820, -43.1779, -11.0344 by changing the saturation by 10% instead.

■ 172.5820,
-43.1779, -11.0344

■ 172.5820,
-43.1779, -11.0344

■ 255.0000, 0.0000,
0.0000

■ 145.6960,
-42.7411, -11.1344

■ 229.1260,
-44.9251, -10.6345

■ 118.5820,
-43.1779, -11.0344

■ 242.0490,
-37.9852, 3.4650

■ 91.7130, -45.2145,
-11.1493

■ 247.9320,
-27.0815, 6.1986

■ 69.8510, -34.4365,
-14.7783

■ 251.2380,
-14.4143, 3.2993

■ 47.6900, -23.5112,
-19.0221

■ 254.5440, -1.7472,
0.3999

■ 26.4150, -13.0226,
-23.1660

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 172.5820,
-43.1779, -11.0344

■ 172.5820,
-43.1779, -11.0344

■ 168.5080,
-51.0294, -12.7235

■ 176.6560,
-35.3264, -9.3453

■ 164.2490,
-58.2968, -15.1274

■ 180.9150,
-28.0591, -6.9415

■ 160.1750,
-66.1483, -16.8165

■ 184.9890,
-20.2076, -5.2524

■ 156.2150,
-73.5630, -18.6056

■ 188.9490,
-12.7929, -3.4633

■ 154.5200,
-76.1784, -19.7500

■ 193.3220, -5.0887,
-1.1594

■ 197.3960, 2.7628,
0.5297

■ 201.3560, 10.1775,
2.3188

■ 205.7290, 17.8816,
4.6227

■ 209.0050, 22.6755,
7.0116

Harmonies

Analogous

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



177.6260, -53.0596, 31.9000



172.5820, -43.1779, -11.0344



161.7120, -17.1130, -64.6454

Triad

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



172.5820, -43.1779, -11.0344



148.2310, 52.6371, -129.9986



177.2810, 4.2985, 68.1596

Complementary

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



172.5820, -43.1779, -11.0344



108.4180, 43.1779, 11.0344

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.



188.5730, 24.8605, 52.9945



172.5820, -43.1779, -11.0344



160.6440, 46.5175, -80.3718

Square

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



172.5820, -43.1779, -11.0344



149.4730, 42.1648, -131.0878



183.5880, 35.2061, 1.2383



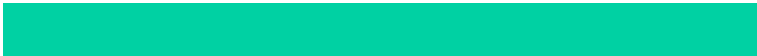
174.7610, -20.5882, 70.3696

Rectangle

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



172.5820, -43.1779, -11.0344



141.2650, 10.7154, -123.8894



183.5880, 35.2061, 1.2383



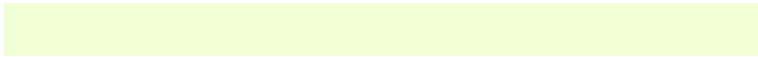
181.0940, 11.2927, 64.8156

Sweetspot

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



172.5820, -43.1779, -11.0344



245.9120, -16.7186, -4.3078



138.7340, -26.4909, 50.2223



122.3450, -10.0301, -2.9336



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.



172.5820, -43.1779, -11.0344



218.5340, -67.3113, -17.1313



156.1370, -35.0705, -44.8471



94.9630, -3.9258, -0.8446



127.0980, -62.6593, -15.8719



25.9490, -12.7929, -3.4633

Inverse Universe

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



108.4180, 43.1779, 11.0344



118.4660, 67.3113, 17.1313



124.8630, 35.0705, 44.8471



89.0370, 3.9258, 0.8446



33.9020, 62.6593, 15.8719



7.0510, 12.7929, 3.4633

Previews

White Background



This preview shows how the YUV color 172.5820, -43.1779, -11.0344 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 172.5820, -43.1779, -11.0344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

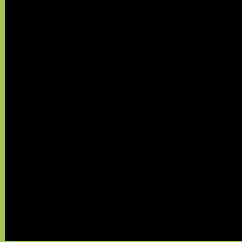
Any Text WCAG AA ✓ Pass

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 172.5820, -43.1779, -11.0344 Background



This preview shows how black text looks on a background with the YUV color 172.5820, -43.1779, -11.0344.



This preview shows how white text looks on a background with the YUV color 172.5820, -43.1779, -11.0344.

-11.0344.

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

172.5820, -43.1779, -11.0344

Protanopia

177.3520, -47.5015, 22.4933

Deuteranopia

179.7870, -43.7720, 39.6518



Tritanopia

182.7200, 8.0260, -7.6474

Trichromacy



Original Color

172.5820, -43.1779, -11.0344

Protanomaly

175.6170, -46.1532, 9.9829

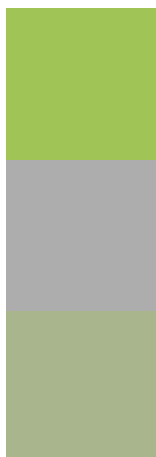
Deuteranomaly

177.0790, -43.4229, 20.9787

Tritanomaly

178.8990, -10.3032, -8.6814

Monochromacy



Original Color

172.5820, -43.1779, -11.0344

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.5530, -15.5556, -3.9930

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5820, -43.1779, -11.0344 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(160, 196, 85)` looks like.

```
.text, #text, p{  
    color:rgb(160, 196, 85)  
}
```

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(160, 196, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 196, 85) }
```

Border

The CSS property to change the border of an element to YUV 172.5820, -43.1779, -11.0344 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(160, 196, 85) }
```


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

```
.border{ border-color:rgb(160, 196, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 196, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 196, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 196, 85);  
box-shadow:4px 4px 4px 4px rgb(160, 196,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 172.5820, -43.1779, -11.0344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 196, 85) }
```

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

```
.background{ background-color: rgb(160,  
196, 85) }
```

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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