

Converting Colors

YUV(141.5560, -20.4871,
-55.7386)

Have a look what the booklet for
YUV(141.5560, -20.4871, -55.7386)
contains.

YUV(141.5560, -20.4871, -55.7386)	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(141.5560, -20.4871,
-55.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	4EB664
RGB	78, 182, 100
RGB Percent	31%, 71%, 39%
CMY	0.6941, 0.2863, 0.6078
CMYK	0.57, 0.00, 0.45, 0.29
HSL	133°, 42%, 51%
HSV	133°, 57%, 71%
XYZ	22.1701, 35.9957, 17.8360
YIQ	141.5560, -35.6620, -47.5500

Conversions

Conversions Part 2

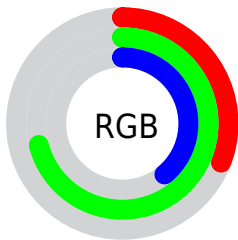
Format	Color
RYB	78, 164, 182
Decimal	5158500
CIELab	66.52, -47.89, 32.84
CIELCh	67, 58.068, 145.562
Yxy	35.9957, 0.2917, 0.4736
Android (android.graphics.Color)	4283348580 (0xFF4EB664)
YUV	141.5560, -20.4871, -55.7386
Hunter-Lab	59.9964, -39.0338, 24.3715

Details

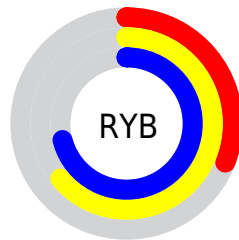
The YUV color **141.5560, -20.4871, -55.7386** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **118.4440, 20.4871, 55.7386**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9860, -22.6711, -55.2387**, and **80.9500, -14.7653, -70.9931** is the 20% darker color. If you saturate the color by 10%, you get **134.5780, -23.9490, -65.4049**, and if you desaturate by 10%, it is **148.5340, -17.0253, -46.0723**.

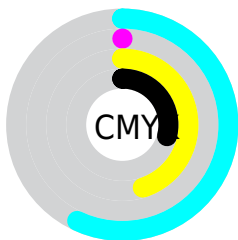
Distribution



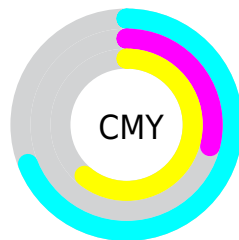
- Red (31%)
- Green (71%)
- Blue (39%)



- Red (31%)
- Yellow (64%)
- Blue (71%)



- Cyan (57%)
- Magenta (0%)
- Yellow (45%)
- Black (29%)



- Cyan (69%)
- Magenta (29%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.5560, -20.4871, -55.7386 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 141.5560, -20.4871, -55.7386 by changing the saturation by 10% instead.

■ 141.5560,
-20.4871, -55.7386

■ 141.5560,
-20.4871, -55.7386

■ 255.0000, 0.0000,
0.0000

■ 113.5880,
-19.0239, -58.3977

■ 197.9860,
-22.6711, -55.2387

■ 80.9500, -14.7653,
-70.9931

■ 219.1270,
-19.7826, -48.3464

■ 62.9520, -17.7243,
-55.2089

■ 230.9900,
-11.8271, -33.3172

■ 45.4270, -21.4095,
-39.8395

■ 242.8530, -3.8715,
-18.2881

■ 31.1110, -15.3377,
-27.2843

■ 254.1030, 0.4422,
-1.8443

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,

0.0000

■ 141.5560,
-20.4871, -55.7386

■ 141.5560,
-20.4871, -55.7386

■ 134.5780,
-23.9490, -65.4049

■ 148.5340,
-17.0253, -46.0723

■ 127.4860,
-27.8476, -74.9712

■ 155.6260,
-13.1266, -36.5060

■ 120.2090,
-31.1620, -85.2523

■ 162.9030, -9.8122,
-26.2249

■ 113.2310,
-34.6239, -94.9186

■ 169.8810, -6.3503,
-16.5586

■ 111.2800,
-35.6340, -97.5926

■ 176.9730, -2.4517,
-6.9923

■ 183.9510, 1.0102,
2.6740

■ 190.9290, 4.4720,
12.3403

■ 198.3200, 8.2232,
22.5214

■ 205.2980, 11.6851,
32.1877

Harmonies

Analogous

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



151.5720, -44.6520, -4.8866



141.5560, -20.4871, -55.7386



127.0970, 12.2772, -111.4641

Triad

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



141.5560, -20.4871, -55.7386



128.8600, 62.1870, -113.0102



159.7780, -19.6106, 83.5097

Complementary

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



141.5560, -20.4871, -55.7386



118.4440, 20.4871, 55.7386

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.



162.4610, 4.7027, 78.5257



141.5560, -20.4871, -55.7386



162.5570, 45.5744, -11.0125

Square

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



141.5560, -20.4871, -55.7386



134.9920, 55.2199, -118.3880



166.2130, 27.5030, 45.4172



158.7610, -40.8012, 66.8616

Rectangle

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



141.5560, -20.4871, -55.7386



131.2010, 28.0019, -115.0633



166.2130, 27.5030, 45.4172



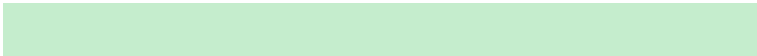
159.3680, -11.0274, 83.8693

Sweetspot

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



141.5560, -20.4871, -55.7386



221.3920, -8.0813, -21.3918



163.8650, -42.3314, -2.5126



110.6580, -4.7614, -12.8551



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



141.5560, -20.4871, -55.7386



173.5570, -32.3196, -87.3115



147.3700, 1.7896, -60.8375



88.5110, -1.7309, -4.8331



95.3340, -30.7307, -83.6079



17.1200, -5.4822, -15.0142

Inverse Universe

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



118.4440, 20.4871, 55.7386



137.4430, 32.3196, 87.3115



112.6300, -1.7896, 60.8375



86.4890, 1.7309, 4.8331



60.6660, 30.7307, 83.6079



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 141.5560, -20.4871, -55.7386 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 141.5560, -20.4871, -55.7386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

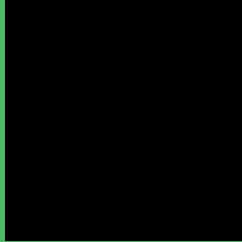
Any Text WCAG AA ✓ Pass

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 141.5560, -20.4871, -55.7386 Background



This preview shows how black text looks on a background with the YUV color 141.5560, -20.4871, -55.7386.



This preview shows how white text looks on a background with the YUV color 141.5560, -20.4871, -55.7386.

-55.7386.

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

141.5560, -20.4871, -55.7386

Protanopia

157.6190, -32.3502, 16.1201

Deuteranopia

160.3030, -26.2784, 28.6753



Tritanopia

152.0680, 16.7285, -45.6636

Trichromacy



Original Color

141.5560, -20.4871, -55.7386

Protanomaly

151.8930, -28.0482, -10.4302

Deuteranomaly

153.2730, -24.2916, -1.9934

Tritanomaly

148.4900, 3.2094, -49.5417

Monochromacy



Original Color

141.5560, -20.4871, -55.7386

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.2180, -7.5025, -20.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.5560, -20.4871, -55.7386 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(78, 182, 100)` looks like.

```
.text, #text, p{  
    color:rgb(78, 182, 100)  
}
```

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(78, 182, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 182, 100) }
```

Border

The CSS property to change the border of an element to YUV 141.5560, -20.4871, -55.7386 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(78, 182, 100) }
```


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

```
.border{ border-color:rgb(78, 182, 100) }
```

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

Here you see how a box with a 4 pixel rgb(78, 182, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 182, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 182, 100);  
box-shadow:4px 4px 4px 4px rgb(78, 182,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 141.5560, -20.4871, -55.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 182, 100) }
```

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

```
.background{ background-color: rgb(78, 182,  
100) }
```

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