

Converting Colors

YUV(215.0620, -51.3026,
-18.4714)

Have a look what the booklet for
YUV(215.0620, -51.3026, -18.4714)
contains.

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Color

**YUV(215.0620, -51.3026,
-18.4714)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F66F
RGB	194, 246, 111
RGB Percent	76%, 96%, 44%
CMY	0.2392, 0.0353, 0.5647
CMYK	0.21, 0.00, 0.55, 0.04
HSL	83°, 88%, 70%
HSV	83°, 55%, 96%
XYZ	58.0731, 78.5286, 27.1357
YIQ	215.0620, 12.3430, -53.0090

Conversions

Conversions Part 2

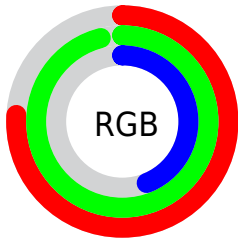
Format	Color
RYB	111, 246, 163
Decimal	12777071
CIELab	91.02, -37.02, 58.66
CIElCh	91, 69.362, 122.256
Yxy	78.5286, 0.3547, 0.4796
Android (android.graphics.Color)	4290967151 (0xFFC2F66F)
YUV	215.0620, -51.3026, -18.4714
Hunter-Lab	88.6163, -38.1018, 43.8759

Details

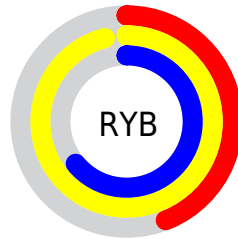
The YUV color **215.0620, -51.3026, -18.4714** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **141.9380, 51.3026, 18.4714**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2560, -38.5802, 7.6685**, and **158.2900, -50.4290, -18.6713** is the 20% darker color. If you saturate the color by 10%, you get **209.5210, -60.8959, -21.5049**, and if you desaturate by 10%, it is **220.6030, -41.7093, -15.4378**.

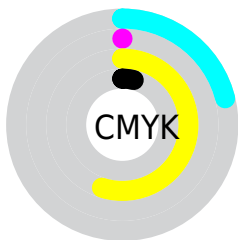
Distribution



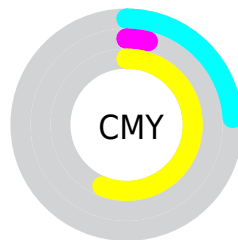
- Red (76%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (64%)



- Cyan (21%)
- Magenta (0%)
- Yellow (55%)
- Black (4%)



- Cyan (24%)
- Magenta (4%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.0620, -51.3026, -18.4714 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 215.0620, -51.3026, -18.4714 by changing the saturation by 10% instead.

■ 215.0620,
-51.3026, -18.4714

■ 215.0620,
-51.3026, -18.4714

255.0000, 0.0000,
0.0000

■ 186.2900,
-50.4290, -18.6713

■ 244.2560,
-38.5802, 7.6685

■ 158.2900,
-50.4290, -18.6713

■ 248.0460,
-26.6447, 6.0987

■ 130.8340,
-52.1762, -18.2714

■ 251.3520,
-13.9775, 3.1993

■ 104.3500,
-51.4445, -19.6009

254.6580, -1.3104,
0.2999

■ 80.7160, -39.7930,
-23.4299

■ 57.3700, -28.2834,
-28.3885

■ 35.8070, -17.6529,

-31.4027

■ 23.4800, -11.5756,
-20.5920

■ 4.1090, -2.0257,
-3.6036

■ 215.0620,
-51.3026, -18.4714

■ 215.0620,
-51.3026, -18.4714

■ 209.5210,
-60.8959, -21.5049

■ 220.6030,
-41.7093, -15.4378

■ 203.7950,
-69.9049, -25.2532

■ 226.3290,
-32.7002, -11.6895

■ 198.2540,
-79.4982, -28.2868

■ 231.8700,
-23.1069, -8.6560

■ 192.5280,
-88.5073, -32.0351

■ 237.5960,
-14.0978, -4.9077

■ 189.5510,
-93.4486, -33.8092

■ 243.1370, -4.5045,
-1.8741

■ 248.5210, 3.1941,
2.1741

■ 249.7170, 2.6045,
4.6332

Harmonies

Analogous

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



219.6400, -64.4055, 31.0107



215.0620, -51.3026, -18.4714



198.6940, -16.6111, -85.6776

Triad

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



215.0620, -51.3026, -18.4714



176.9940, 38.4570, -155.2237



202.5000, 12.0785, 46.0425

Complementary

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



215.0620, -51.3026, -18.4714



141.9380, 51.3026, 18.4714

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.



213.3230, 20.5468, 36.5507



215.0620, -51.3026, -18.4714



198.7090, 27.7515, -81.3058

Square

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



215.0620, -51.3026, -18.4714



178.7550, 37.5888, -156.7681



223.8010, 15.3811, 13.3295



200.3730, -18.9179, 47.9079

Rectangle

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



215.0620, -51.3026, -18.4714



173.5110, 17.4961, -152.1691



223.8010, 15.3811, 13.3295



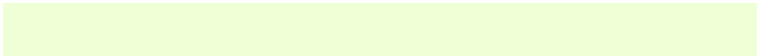
206.1820, 21.1093, 42.8134

Sweetspot

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



215.0620, -51.3026, -18.4714



245.5420, -15.5502, -5.7373



181.8890, -34.9483, 56.2253



122.1600, -9.4459, -3.6483



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.



215.0620, -51.3026, -18.4714



216.4130, -63.8006, -23.1642



195.0290, -41.4263, -59.6614



119.4360, -4.6519, -1.2594



143.2680, -70.6311, -25.6680



45.3970, -22.3807, -8.2412

Inverse Universe

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



141.9380, 51.3026, 18.4714



125.5870, 63.8006, 23.1642



161.9710, 41.4263, 59.6614



112.8630, 4.5045, 1.8741



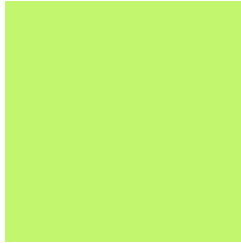
42.7320, 70.6311, 25.6680



13.6030, 22.3807, 8.2412

Previews

White Background



This preview shows how the YUV color 215.0620, -51.3026, -18.4714 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 215.0620, -51.3026, -18.4714 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 215.0620, -51.3026, -18.4714 Background



This preview shows how black text looks on a background with the YUV color 215.0620, -51.3026, -18.4714.



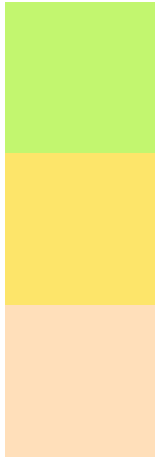
This preview shows how white text looks on a background with the YUV color 215.0620, -51.3026, -18.4714.

-18.4714.

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

215.0620, -51.3026, -18.4714

Protanopia

222.1540, -57.2639, 27.0519

Deuteranopia

228.3500, -20.8785, 23.3721



Tritanopia

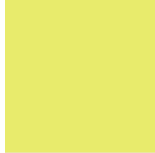
227.4850, 11.0999, -13.5803

Trichromacy



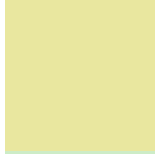
Original Color

215.0620, -51.3026, -18.4714



Protanomaly

219.6250, -55.0311, 10.8529



Deuteranomaly

223.3900, -31.7443, 8.4280



Tritanomaly

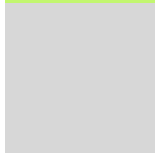
222.5130, -11.5919, -15.3589

Monochromacy



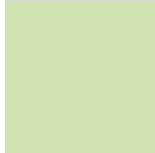
Original Color

215.0620, -51.3026, -18.4714



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.7330, -18.6024, -6.7818

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.0620, -51.3026, -18.4714 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(194, 246, 111)` looks like.

```
.text, #text, p{  
    color:rgb(194, 246, 111)  
}
```

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(194, 246, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 246, 111) }
```

Border

The CSS property to change the border of an element to YUV 215.0620, -51.3026, -18.4714 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(194, 246, 111) }
```


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

```
.border{ border-color:rgb(194, 246, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 246, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 246, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 246, 111);  
box-shadow:4px 4px 4px 4px rgb(194, 246,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 215.0620, -51.3026, -18.4714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 246, 111) }
```

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

```
.background{ background-color: rgb(194,  
246, 111) }
```

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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