

Converting Colors

YUV(205.4640, -51.0078,
-19.7009)

Have a look what the booklet for
YUV(205.4640, -51.0078, -19.7009)
contains.

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Color

**YUV(205.4640, -51.0078,
-19.7009)**

Conversions

Conversions Part 1

Format	Color
Hex	B7ED66
RGB	183, 237, 102
RGB Percent	72%, 93%, 40%
CMY	0.2824, 0.0706, 0.6000
CMYK	0.23, 0.00, 0.57, 0.07
HSL	84°, 79%, 66%
HSV	84°, 57%, 93%
XYZ	52.2109, 71.5950, 23.6378
YIQ	205.4640, 11.1510, -53.4330

Conversions

Conversions Part 2

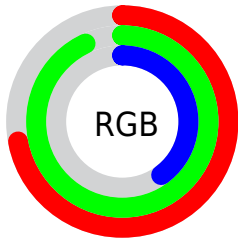
Format	Color
RYB	102, 237, 156
Decimal	12053862
CIELab	87.77, -37.81, 58.72
CIELCh	88, 69.837, 122.777
Yxy	71.5950, 0.3541, 0.4856
Android (android.graphics.Color)	4290243942 (0xFFB7ED66)
YUV	205.4640, -51.0078, -19.7009
Hunter-Lab	84.6138, -37.9308, 42.6664

Details

The YUV color **205.4640, -51.0078, -19.7009** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **133.5360, 51.0078, 19.7009**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.6420, -40.7425, 1.1910**, and **149.5780, -50.5710, -19.8009** is the 20% darker color. If you saturate the color by 10%, you get **200.0370, -60.1642, -22.8344**, and if you desaturate by 10%, it is **210.8910, -41.8513, -16.5674**.

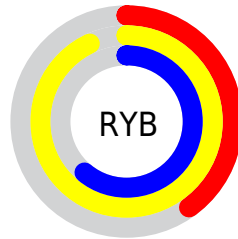
Distribution



Red (72%)

Green (93%)

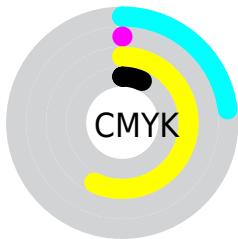
Blue (40%)



Red (40%)

Yellow (93%)

Blue (61%)

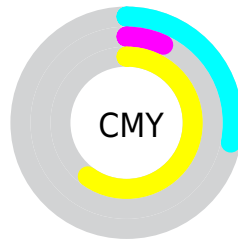


Cyan (23%)

Magenta (0%)

Yellow (57%)

Black (7%)



Cyan (28%)

Magenta (7%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.4640, -51.0078, -19.7009 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 205.4640, -51.0078, -19.7009 by changing the saturation by 10% instead.

■ 205.4640,
-51.0078, -19.7009

■ 205.4640,
-51.0078, -19.7009

255.0000, 0.0000,
0.0000

■ 177.5780,
-50.5710, -19.8009

■ 239.6420,
-40.7425, 1.1910

■ 149.5780,
-50.5710, -19.8009

■ 247.0200,
-30.5759, 6.9985

■ 121.1390,
-54.7915, -19.4159

■ 250.2120,
-18.3455, 4.1991

■ 96.3650, -47.5079,
-22.2451

■ 253.6320, -5.2416,
1.1997

■ 72.7310, -35.8564,
-26.0741

■ 47.8790, -23.6043,
-35.8509

■ 31.6980, -15.6271,

-27.7991

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 205.4640,
-51.0078, -19.7009

■ 205.4640,
-51.0078, -19.7009

■ 200.0370,
-60.1642, -22.8344

■ 210.8910,
-41.8513, -16.5674

■ 194.4250,
-68.7365, -26.6827

■ 216.5030,
-33.2790, -12.7191

■ 188.9980,
-77.8930, -29.8162

■ 221.9300,
-24.1225, -9.5856

■ 183.2720,
-86.9021, -33.5645

■ 227.6560,
-15.1134, -5.8373

■ 181.5770,
-89.5175, -34.7090

■ 232.9690, -6.3937,
-2.6038

■ 238.6950, 2.6154,
1.1445

■ 242.6400, 6.0935,
5.5777

■ 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



212.6080, -65.8687, 33.6698



205.4640, -51.0078, -19.7009



189.1880, -15.8687, -90.4959

Triad

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



205.4640, -51.0078, -19.7009



171.7110, 41.0615, -150.5905



195.4900, 10.6044, 52.1903

Complementary

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



205.4640, -51.0078, -19.7009



133.5360, 51.0078, 19.7009

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.



207.4530, 23.4407, 41.6987



205.4640, -51.0078, -19.7009



189.2510, 32.4143, -83.5351

Square

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



205.4640, -51.0078, -19.7009



176.4070, 38.7463, -154.7089



215.5390, 19.4543, 13.5593



193.3630, -20.3920, 54.0556

Rectangle

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



205.4640, -51.0078, -19.7009



170.8380, 14.8699, -149.8249



215.5390, 19.4543, 13.5593



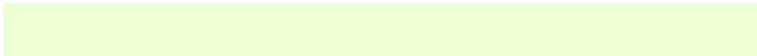
199.1720, 19.6352, 48.9612

Sweetspot

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



205.4640, -51.0078, -19.7009



245.0150, -16.2764, -6.1522



174.0630, -35.5271, 55.1957



121.7470, -9.7353, -4.1631



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.



205.4640, -51.0078, -19.7009



214.6470, -65.3950, -25.1234



185.4310, -41.1315, -60.8910



114.5500, -4.2152, -1.3594



138.8380, -68.4471, -26.1679



41.2660, -20.3441, -8.1263

Inverse Universe

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



133.5360, 51.0078, 19.7009



122.3530, 65.3950, 25.1234



153.8680, 40.9841, 61.5058



108.4500, 4.2152, 1.3594



42.1620, 68.4471, 26.1679



12.4350, 20.4915, 7.5115

Previews

White Background



This preview shows how the YUV color 205.4640, -51.0078, -19.7009 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 205.4640, -51.0078, -19.7009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

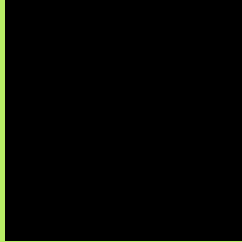
Any Text WCAG AA ✓ Pass

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 205.4640, -51.0078, -19.7009 Background



This preview shows how black text looks on a background with the YUV color 205.4640, -51.0078, -19.7009.



This preview shows how white text looks on a background with the YUV color 205.4640, -51.0078, -19.7009.

-19.7009.

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

205.4640, -51.0078, -19.7009

Protanopia

213.1540, -57.2639, 27.0519

Deuteranopia

218.3590, -31.2360, 32.1342



Tritanopia

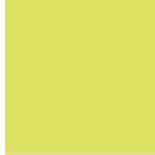
218.3600, 10.6685, -15.2247

Trichromacy



Original Color

205.4640, -51.0078, -19.7009



Protanomaly

210.3260, -54.8837, 10.2381



Deuteranomaly

213.7020, -38.3071, 13.4163



Tritanomaly

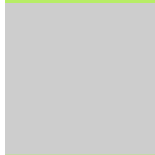
213.5020, -11.5865, -17.1033

Monochromacy



Original Color

205.4640, -51.0078, -19.7009



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

205.4340, -18.4550, -7.3966

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.4640, -51.0078, -19.7009 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(183, 237, 102)` looks like.

```
.text, #text, p{  
    color:rgb(183, 237, 102)  
}
```

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(183, 237, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 237, 102) }
```

Border

The CSS property to change the border of an element to YUV 205.4640, -51.0078, -19.7009 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(183, 237, 102) }
```


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

```
.border{ border-color:rgb(183, 237, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 237, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 237, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 237, 102);  
box-shadow:4px 4px 4px 4px rgb(183, 237,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 205.4640, -51.0078, -19.7009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 237, 102) }
```

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

```
.background{ background-color: rgb(183,  
237, 102) }
```

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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