

Converting Colors

YUV(193.5820, -43.1779,
-11.0344)

Have a look what the booklet for
YUV(193.5820, -43.1779, -11.0344)
contains.

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Color

**YUV(193.5820, -43.1779,
-11.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D96A
RGB	181, 217, 106
RGB Percent	71%, 85%, 42%
CMY	0.2902, 0.1490, 0.5843
CMYK	0.17, 0.00, 0.51, 0.15
HSL	79°, 59%, 63%
HSV	79°, 51%, 85%
XYZ	46.4704, 60.4901, 22.8622
YIQ	193.5820, 14.1750, -42.1530

Conversions

Conversions Part 2

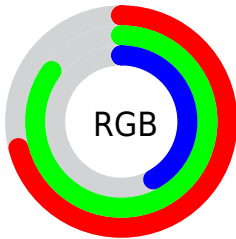
Format	Color
R _{YB}	106, 217, 142
Decimal	11917674
CIE _{Lab}	82.10, -28.96, 50.27
CIE _{LCh}	82, 58.019, 119.949
Y _{xy}	60.4901, 0.3580, 0.4659
Android (android.graphics.Color)	4290107754 (0xFFB5D96A)
YUV	193.5820, -43.1779, -11.0344
Hunter-Lab	77.7754, -29.4539, 37.0144

Details

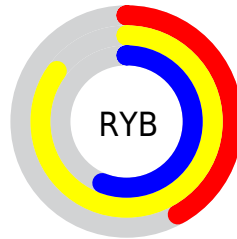
The YUV color **193.5820, -43.1779, -11.0344** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **129.4180, 43.1779, 11.0344**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.3860, -39.1373, -0.3385**, and **138.9240, -41.8675, -11.3343** is the 20% darker color. If you saturate the color by 10%, you get **188.9810, -51.7556, -13.1383**, and if you desaturate by 10%, it is **198.1830, -34.6002, -8.9305**.

Distribution



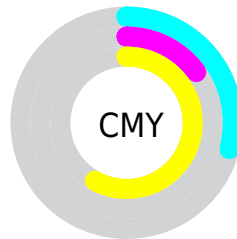
- Red (71%)
- Green (85%)
- Blue (42%)



- Red (42%)
- Yellow (85%)
- Blue (56%)



- Cyan (17%)
- Magenta (0%)
- Yellow (51%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.5820, -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 193.5820, -43.1779, -11.0344 by changing the saturation by 10% instead.

■ 193.5820,
-43.1779, -11.0344

■ 193.5820,
-43.1779, -11.0344

255.0000, 0.0000,
0.0000

■ 165.8100,
-42.3043, -11.2344

■ 239.3860,
-39.1373, -0.3385

■ 138.9240,
-41.8675, -11.3343

■ 247.3620,
-29.2655, 6.6985

■ 112.3970,
-42.5937, -11.7492

■ 250.5540,
-17.0351, 3.8991

■ 86.3970, -42.5937,
-11.7492

■ 253.8600, -4.3680,
0.9998

■ 64.5350, -31.8158,
-15.3782

■ 42.0750, -20.7430,
-20.2368

■ 23.4800, -11.5756,

-20.5920

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 193.5820,
-43.1779, -11.0344

■ 193.5820,
-43.1779, -11.0344

■ 188.9810,
-51.7556, -13.1383

■ 198.1830,
-34.6002, -8.9305

■ 184.4940,
-59.8965, -15.3422

■ 202.6700,
-26.4593, -6.7266

■ 179.8930,
-68.4742, -17.4462

■ 207.2710,
-17.8816, -4.6227

■ 175.2920,
-77.0520, -19.5501

■ 211.8720, -9.3039,
-2.5187

■ 171.3320,
-84.4667, -21.3392

■ 216.4730, -0.7262,
-0.4148

■ 220.9600, 7.4147,
1.7891

■ 225.2190, 14.6820,
4.1929

■ 227.3120, 13.6502,
8.4964

■ 229.4050, 12.6183,
12.7998

Harmonies

Analogous

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



199.0390, -52.7702, 32.4148



193.5820, -43.1779, -11.0344



183.3100, -17.4078, -63.4159

Triad

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



193.5820, -43.1779, -11.0344



160.5580, 46.5599, -140.8094



192.4750, 6.6678, 54.8344

Complementary

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



193.5820, -43.1779, -11.0344



129.4180, 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.



204.5180, 24.8876, 44.2727



193.5820, -43.1779, -11.0344



183.4360, 35.2811, -69.6654

Square

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



193.5820, -43.1779, -11.0344



164.6670, 44.5342, -144.4130



202.4930, 25.8860, 3.9526



189.9550, -18.2188, 57.0445

Rectangle

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



193.5820, -43.1779, -11.0344



159.1500, 11.7581, -131.6815



202.4930, 25.8860, 3.9526



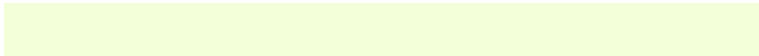
195.8150, 14.3882, 51.9052

Sweetspot

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



193.5820, -43.1779, -11.0344



247.0800, -14.8294, -3.5782



159.7340, -26.4909, 50.2223



122.9860, -8.8671, -2.6187



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.



193.5820, -43.1779, -11.0344



222.2660, -60.7701, -15.1423



177.1370, -35.0705, -44.8471



107.5500, -4.2151, -1.3593



136.5340, -67.3113, -17.1313



36.2710, -17.8816, -4.6227

Inverse Universe

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



129.4180, 43.1779, 11.0344



132.0330, 60.6227, 15.7571



145.8630, 35.0705, 44.8471



101.1510, 4.3626, 0.7446



36.4660, 67.3113, 17.1313



9.7290, 17.8816, 4.6227

Previews

White Background



This preview shows how the YUV color 193.5820, -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 193.5820, -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 193.5820, -43.1779, -11.0344 Background



This preview shows how black text looks on a background with the YUV color 193.5820, -43.1779, -11.0344.



This preview shows how white text looks on a background with the YUV color 193.5820, -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

193.5820, -43.1779, -11.0344

Protanopia

198.6510, -47.6489, 23.1081

Deuteranopia

201.0970, -43.9248, 42.0109



Tritanopia

203.2470, 8.7522, -7.2326

Trichromacy



Original Color

193.5820, -43.1779, -11.0344

Protanomaly

196.9160, -46.3006, 10.5977

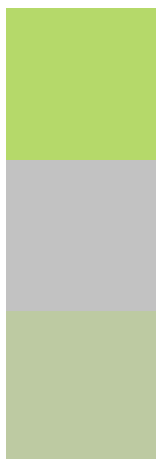
Deuteranomaly

198.0900, -43.4284, 22.7231

Tritanomaly

199.8990, -10.3032, -8.6814

Monochromacy



Original Color

193.5820, -43.1779, -11.0344

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.5530, -15.5556, -3.9930

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.5820, -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(181, 217, 106)` looks like.

```
.text, #text, p{  
    color:rgb(181, 217, 106)  
}
```

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(181, 217, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 217, 106) }
```

Border

The CSS property to change the border of an element to YUV 193.5820, -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(181, 217, 106) }
```


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

```
.border{ border-color:rgb(181, 217, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 217, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 217, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 217, 106);  
box-shadow:4px 4px 4px 4px rgb(181, 217,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 193.5820, -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(181, 217, 106) }
```

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

```
.background{ background-color: rgb(181,  
217, 106) }
```

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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