

Converting Colors

YUV(198.6710, -51.6028,
-15.4975)

Have a look what the booklet for
YUV(198.6710, -51.6028, -15.4975)
contains.

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Color

**YUV(198.6710, -51.6028,
-15.4975)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E45E
RGB	181, 228, 94
RGB Percent	71%, 89%, 37%
CMY	0.2902, 0.1059, 0.6314
CMYK	0.21, 0.00, 0.59, 0.11
HSL	81°, 71%, 63%
HSV	81°, 59%, 89%
XYZ	48.8198, 66.1187, 20.7788
YIQ	198.6710, 15.0020, -51.6380

Conversions

Conversions Part 2

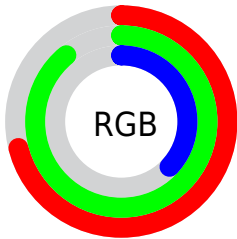
Format	Color
R_{YB}	94, 228, 141
Decimal	11920478
CIE Lab	85.06, -35.16, 59.09
CIE LCh	85, 68.761, 120.757
Yxy	66.1187, 0.3597, 0.4872
Android (android.graphics.Color)	4290110558 (0xFFB5E45E)
YUV	198.6710, -51.6028, -15.4975
Hunter-Lab	81.3134, -35.1287, 41.7685

Details

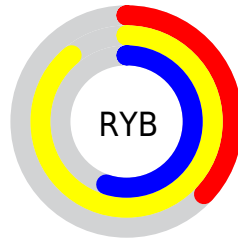
The YUV color **198.6710, -51.6028, -15.4975** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **123.3290, 51.6028, 15.4975**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.1320, -43.9421, 0.7612**, and **142.6710, -51.6028, -15.4975** is the 20% darker color. If you saturate the color by 10%, you get **193.6570, -60.4699, -18.1162**, and if you desaturate by 10%, it is **203.6850, -42.7357, -12.8787**.

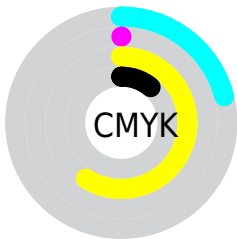
Distribution



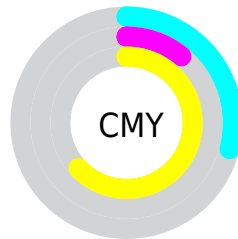
- Red (71%)
- Green (89%)
- Blue (37%)



- Red (37%)
- Yellow (89%)
- Blue (55%)



- Cyan (21%)
- Magenta (0%)
- Yellow (59%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.6710, -51.6028, -15.4975 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 198.6710, -51.6028, -15.4975 by changing the saturation by 10% instead.

■ 198.6710,
-51.6028, -15.4975

■ 198.6710,
-51.6028, -15.4975

255.0000, 0.0000,
0.0000

■ 170.7850,
-51.1660, -15.5974

■ 238.1320,
-43.9421, 0.7612

■ 142.6710,
-51.6028, -15.4975

■ 246.1080,
-34.0702, 7.7983

■ 114.7050,
-56.5496, -15.5273

■ 249.3000,
-21.8399, 4.9989

■ 91.3700, -45.0454,
-18.7415

■ 252.6060, -9.1728,
2.0995

■ 68.6220, -33.8306,
-22.4705

■ 43.7700, -21.5786,
-32.2473

■ 27.5890, -13.6014,

-24.1956

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 198.6710,
-51.6028, -15.4975

■ 198.6710,
-51.6028, -15.4975

■ 193.6570,
-60.4699, -18.1162

■ 203.6850,
-42.7357, -12.8787

■ 188.6430,
-69.3370, -20.7349

■ 208.6990,
-33.8686, -10.2600

■ 183.7430,
-77.7673, -23.4536

■ 213.5990,
-25.4383, -7.5413

■ 178.7290,
-86.6344, -26.0723

■ 218.6130,
-16.5712, -4.9226

■ 178.0880,
-87.7974, -26.3872

■ 223.6270, -7.7041,
-2.3039

■ 228.6410, 1.1630,
0.3148

■ 233.6550, 10.0301,
2.9336

■ 236.1610, 9.2876,
7.7518

■ 238.5530, 8.1084,
12.6700

Harmonies

Analogous

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



205.5590, -64.8586, 36.3438



198.6710, -51.6028, -15.4975



183.5480, -18.5112, -82.9186

Triad

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



198.6710, -51.6028, -15.4975



167.0150, 43.3766, -146.4722



190.9250, 10.8830, 56.1938

Complementary

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



198.6710, -51.6028, -15.4975



123.3290, 51.6028, 15.4975

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



198.6710, -51.6028, -15.4975



178.2540, 37.8358, -95.8158

Square

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



198.6710, -51.6028, -15.4975



171.7110, 41.0615, -150.5905



208.4180, 22.9649, 7.5264



188.4390, -18.9504, 58.3740

Rectangle

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



198.6710, -51.6028, -15.4975



164.1870, 12.2328, -143.9920



208.4180, 22.9649, 7.5264



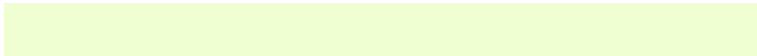
195.1940, 19.6244, 52.4499

Sweetspot

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



198.6710, -51.6028, -15.4975



244.9720, -17.7342, -5.2374



161.6550, -33.3539, 58.1846



121.7040, -11.1931, -3.2484



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.



198.6710, -51.6028, -15.4975



215.2300, -69.6264, -21.2497



178.6380, -41.7265, -56.6875



112.4360, -4.6519, -1.2594



139.7570, -68.9002, -20.8349



39.8040, -19.6234, -5.9671

Inverse Universe

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



123.3290, 51.6028, 15.4975



113.4710, 69.7738, 20.6349



143.3620, 41.7265, 56.6875



105.5640, 4.6519, 1.2594



39.2430, 68.9002, 20.8349



11.1960, 19.6234, 5.9671

Previews

White Background



This preview shows how the YUV color 198.6710, -51.6028, -15.4975 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 198.6710, -51.6028, -15.4975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

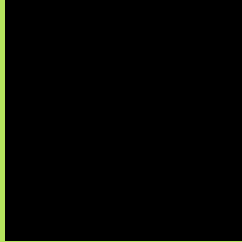
Any Text WCAG AA ✓ Pass

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 198.6710, -51.6028, -15.4975 Background



This preview shows how black text looks on a background with the YUV color 198.6710, -51.6028, -15.4975.



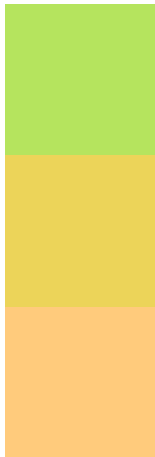
This preview shows how white text looks on a background with the YUV color 198.6710, -51.6028, -15.4975.

-15.4975.

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

198.6710, -51.6028, -15.4975

Protanopia

205.1540, -57.2639, 27.0519

Deuteranopia

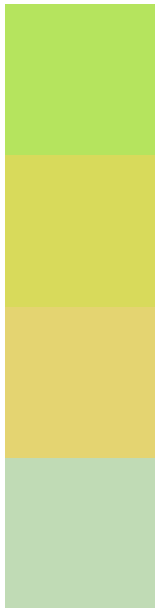
209.5420, -42.1722, 39.8667



Tritanopia

211.1540, 9.7841, -11.5361

Trichromacy



Original Color

198.6710, -51.6028, -15.4975

Protanomaly

202.9240, -55.1785, 11.4677

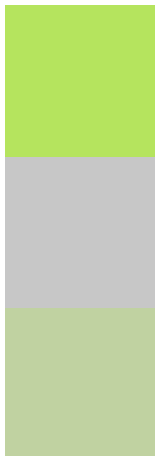
Deuteranomaly

205.4980, -45.6015, 19.7343

Tritanomaly

206.5950, -12.6183, -12.7998

Monochromacy



Original Color

198.6710, -51.6028, -15.4975

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.0320, -18.7498, -6.1671

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.6710, -51.6028, -15.4975 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, 228, 94)` looks like.

```
.text, #text, p{  
    color:rgb(181, 228, 94)  
}
```

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, 228, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 228, 94) }
```

Border

The CSS property to change the border of an element to YUV 198.6710, -51.6028, -15.4975 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, 228, 94) }
```


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

```
.border{ border-color:rgb(181, 228, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 228, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 228, 94); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 228, 94); box-shadow:4px 4px 4px 4px rgb(181, 228, 94) }
```

Background

The CSS property to change the background color of an element to YUV 198.6710, -51.6028, -15.4975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 228, 94) }
```

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

```
.background{ background-color: rgb(181,  
228, 94) }
```

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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