

Converting Colors

YUV(191.6200, -44.1827,
-15.4527)

Have a look what the booklet for
YUV(191.6200, -44.1827, -15.4527)
contains.

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Color

**YUV(191.6200, -44.1827,
-15.4527)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AEDA66 |
| RGB | 174, 218, 102 |
| RGB Percent | 68%, 85%, 40% |
| CMY | 0.3176, 0.1451, 0.6000 |
| CMYK | 0.20, 0.00, 0.53, 0.15 |
| HSL | 83°, 61%, 63% |
| HSV | 83°, 53%, 85% |
| XYZ | 44.9252, 60.1008, 21.8032 |
| YIQ | 191.6200, 11.0120, -45.4040 |

Conversions

Conversions Part 2

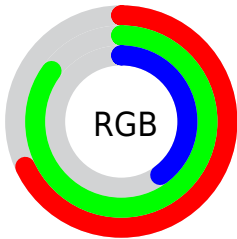
| Format | Color |
|-------------------------------------|--|
| RYB | 102, 218, 146 |
| Decimal | 11459174 |
| CIELab | 81.89, -32.47, 51.77 |
| CIElCh | 82, 61.112, 122.095 |
| Yxy | 60.1008, 0.3542, 0.4739 |
| Android (android.graphics.Color) | 4289649254 (0xFFFAEDA66) |
| YUV | 191.6200, -44.1827, -15.4527 |
| Hunter-Lab | 77.5247, -32.2282, 37.5925 |

Details

The YUV color **191.6200, -44.1827, -15.4527** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **128.3800, 44.1827, 15.4527**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.5380, -39.7052, -4.8568**, and **136.8480, -43.3091, -15.6527** is the 20% darker color. If you saturate the color by 10%, you get **186.7200, -52.6130, -18.1714**, and if you desaturate by 10%, it is **196.5200, -35.7524, -12.7340**.

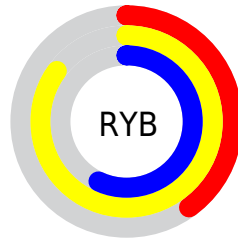
Distribution



Red (68%)

Green (85%)

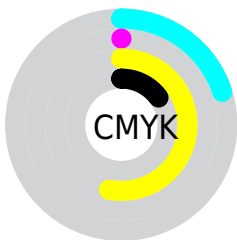
Blue (40%)



Red (40%)

Yellow (85%)

Blue (57%)

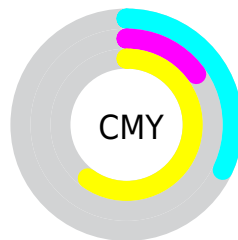


Cyan (20%)

Magenta (0%)

Yellow (53%)

Black (15%)



Cyan (32%)

Magenta (15%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.6200, -44.1827, -15.4527 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 191.6200, -44.1827, -15.4527 by changing the saturation by 10% instead.

■ 191.6200,
-44.1827, -15.4527

■ 191.6200,
-44.1827, -15.4527

■ 255.0000, 0.0000,
0.0000

■ 163.8480,
-43.3091, -15.6527

■ 236.5380,
-39.7052, -4.8568

■ 136.8480,
-43.3091, -15.6527

■ 246.9060,
-31.0127, 7.0984

■ 109.5060,
-44.6195, -15.3528

■ 250.0980,
-18.7823, 4.2991

■ 84.5920, -41.7039,
-17.1822

■ 253.4040, -6.1152,
1.3997

■ 62.1430, -30.6365,
-20.2964

■ 37.8890, -18.6793,
-28.8437

■ 23.4800, -11.5756,

-20.5920

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 191.6200,
-44.1827, -15.4527

■ 191.6200,
-44.1827, -15.4527

■ 186.7200,
-52.6130, -18.1714

■ 196.5200,
-35.7524, -12.7340

■ 181.5210,
-60.8959, -21.5049

■ 201.7190,
-27.4695, -9.4006

■ 176.7350,
-68.8894, -24.3236

■ 206.5050,
-19.4760, -6.5819

■ 171.8350,
-77.3197, -27.0423

■ 211.4050,
-11.0457, -3.8632

■ 168.3310,
-82.9872, -29.2313

■ 216.3050, -2.6154,
-1.1445

■ 221.5040, 5.6675,
2.1890

■ 226.4040, 14.0978,
4.9077

■ 228.7960, 12.9186,
9.8259

■ 231.1880, 11.7393,
14.7441

Harmonies

Analogous

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



197.8170, -56.1118, 30.8555



191.6200, -44.1827, -15.4527



179.4120, -15.4861, -73.1523

Triad

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



191.6200, -44.1827, -15.4527



159.9710, 46.8493, -140.2946



189.6710, 6.0782, 57.2935

Complementary

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



191.6200, -44.1827, -15.4527



128.3800, 44.1827, 15.4527

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.



202.1700, 26.0452, 46.3319



191.6200, -44.1827, -15.4527



181.6640, 36.1546, -69.8653

Square

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



191.6200, -44.1827, -15.4527



164.6670, 44.5342, -144.4130



202.2270, 26.0171, 8.5709



187.3960, -20.4082, 59.2887

Rectangle

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



191.6200, -44.1827, -15.4527



156.8010, 14.3951, -137.5145



202.2270, 26.0171, 8.5709



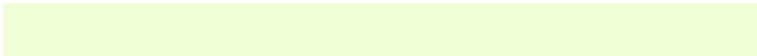
193.0110, 13.7986, 54.3644

Sweetspot

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



191.6200, -44.1827, -15.4527



245.8410, -15.6976, -5.1226



161.9250, -29.5430, 49.1778



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.



191.6200, -44.1827, -15.4527



217.8800, -62.0588, -21.8198



174.5770, -35.7805, -50.4950



107.2510, -4.0677, -1.9741



133.8430, -65.9846, -22.6643



35.3740, -17.4394, -6.4670

Inverse Universe

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



128.3800, 44.1827, 15.4527



129.1200, 62.0588, 21.8198



145.4230, 35.7805, 50.4950



101.4500, 4.2151, 1.3593



39.4560, 65.8372, 23.2791



10.3270, 17.5868, 5.8522

Previews

White Background



This preview shows how the YUV color 191.6200, -44.1827, -15.4527 looks on a white background.

Color Contrast Check

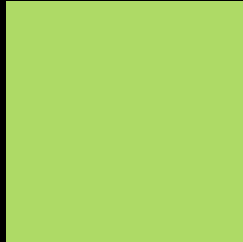
Large Text (above 18pt) WCAG AA × Fail

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 191.6200, -44.1827, -15.4527 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 191.6200, -44.1827, -15.4527 Background



This preview shows how black text looks on a background with the YUV color 191.6200, -44.1827, -15.4527.



This preview shows how white text looks on a background with the YUV color 191.6200, -44.1827, -15.4527.

-15.4527.

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

191.6200, -44.1827, -15.4527

Protanopia

197.4940, -49.5435, 24.1228

Deuteranopia

200.0540, -45.3826, 42.9256



Tritanopia

202.3390, 9.1999, -10.8213

Trichromacy



Original Color

191.6200, -44.1827, -15.4527

Protanomaly

194.9760, -47.3162, 9.6680

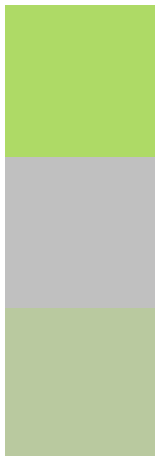
Deuteranomaly

197.0360, -44.8807, 21.8934

Tritanomaly

198.5780, -10.1450, -12.7849

Monochromacy



Original Color

191.6200, -44.1827, -15.4527

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.4280, -15.9870, -5.6374

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.6200, -44.1827, -15.4527 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(174, 218, 102)` looks like.

```
.text, #text, p{  
    color:rgb(174, 218, 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(174, 218, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 218, 102) }
```

Border

The CSS property to change the border of an element to YUV 191.6200, -44.1827, -15.4527 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(174, 218, 102) }
```


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

```
.border{ border-color:rgb(174, 218, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 218, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 218, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 218, 102);  
box-shadow:4px 4px 4px 4px rgb(174, 218,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 191.6200, -44.1827, -15.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 218, 102) }
```

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

```
.background{ background-color: rgb(174,  
218, 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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