

Converting Colors

YUV(134.5220, -15.5403,
-55.7088)

Have a look what the booklet for
YUV(134.5220, -15.5403, -55.7088)
contains.

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Color

**YUV(134.5220, -15.5403,
-55.7088)**

Conversions

Conversions Part 1

Format	Color
Hex	47AD67
RGB	71, 173, 103
RGB Percent	28%, 68%, 40%
CMY	0.7216, 0.3216, 0.5961
CMYK	0.59, 0.00, 0.40, 0.32
HSL	139°, 42%, 48%
HSV	139°, 59%, 68%
XYZ	19.9903, 32.2060, 17.9947
YIQ	134.5220, -38.3220, -43.3940

Conversions

Conversions Part 2

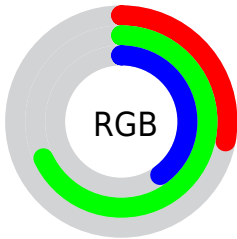
Format	Color
RYB	71, 149, 173
Decimal	4697447
CIELab	63.51, -45.38, 27.34
CIElCh	64, 52.978, 148.937
Yxy	32.2060, 0.2848, 0.4588
Android (android.graphics.Color)	4282887527 (0xFF47AD67)
YUV	134.5220, -15.5403, -55.7088
Hunter-Lab	56.7503, -36.4365, 20.9252

Details

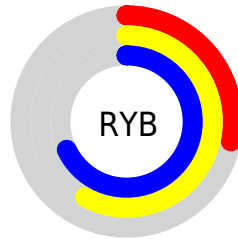
The YUV color **134.5220, -15.5403, -55.7088** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **109.4780, 15.5403, 55.7088**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3650, -17.4349, -54.6941**, and **76.7100, -10.7030, -67.2747** is the 20% darker color. If you saturate the color by 10%, you get **128.0710, -18.2760, -64.9603**, and if you desaturate by 10%, it is **140.9730, -12.8047, -46.4573**.

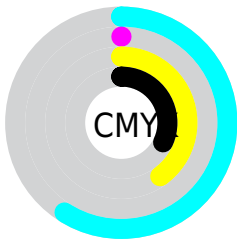
Distribution



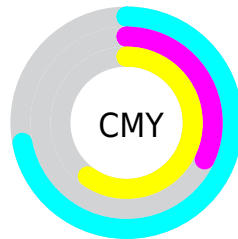
- Red (28%)
- Green (68%)
- Blue (40%)



- Red (28%)
- Yellow (58%)
- Blue (68%)



- Cyan (59%)
- Magenta (0%)
- Yellow (40%)
- Black (32%)



- Cyan (72%)
- Magenta (32%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.5220, -15.5403, -55.7088 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 134.5220, -15.5403, -55.7088 by changing the saturation by 10% instead.

■ 134.5220,
-15.5403, -55.7088

■ 134.5220,
-15.5403, -55.7088

■ 255.0000, 0.0000,
0.0000

■ 106.2550,
-13.9297, -58.9826

■ 190.3650,
-17.4349, -54.6941

■ 76.7100, -10.7030,
-67.2747

■ 217.0770,
-17.2930, -53.5645

■ 58.8260, -13.2252,
-51.5904

■ 228.9400, -9.3374,
-38.5354

■ 41.4150, -16.4736,
-36.3210

■ 240.8030, -1.3819,
-23.5062

■ 27.0020, -13.3120,
-23.6808

■ 251.7110, 1.6215,
-6.7625

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,

0.0000

■ 134.5220,
-15.5403, -55.7088

■ 134.5220,
-15.5403, -55.7088

■ 128.0710,
-18.2760, -64.9603

■ 140.9730,
-12.8047, -46.4573

■ 121.3210,
-20.8643, -74.8265

■ 147.7230,
-10.2164, -36.5911

■ 114.8700,
-23.5999, -84.0780

■ 154.1740, -7.4808,
-27.3396

■ 108.5330,
-25.8988, -93.4294

■ 160.5110, -5.1819,
-17.9881

■ 107.7070,
-26.4776, -94.4590

■ 167.2610, -2.5937,
-8.1219

■ 173.7120, 0.1420,
1.1296

■ 180.1630, 2.8776,
10.3810

■ 186.6140, 5.6133,
19.6325

■ 193.3640, 8.2015,
29.4988

Harmonies

Analogous

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



143.8580, -38.3840, -8.6455



134.5220, -15.5403, -55.7088



121.1130, 14.7343, -106.2161

Triad

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



134.5220, -15.5403, -55.7088



133.8640, 56.2690, -81.4417



152.7940, -20.6044, 75.6027

Complementary

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



134.5220, -15.5403, -55.7088



109.4780, 15.5403, 55.7088

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.



154.8040, 1.0826, 72.9629



134.5220, -15.5403, -55.7088



156.1190, 39.8743, -2.7354

Square

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



134.5220, -15.5403, -55.7088



127.0530, 52.7249, -111.4255



158.1330, 22.1194, 45.4874



151.5750, -38.7375, 58.2547

Rectangle

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



134.5220, -15.5403, -55.7088



124.7610, 28.7118, -109.4154



158.1330, 22.1194, 45.4874



153.3410, -13.4791, 76.8769

Sweetspot

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



134.5220, -15.5403, -55.7088



208.9620, -5.8973, -21.8917



152.1030, -39.9838, -8.8603



102.8860, -3.8878, -13.0550



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



134.5220, -15.5403, -55.7088



164.0330, -24.1733, -86.8519



140.2220, 6.2996, -60.7077



83.6250, -1.2941, -4.9331



93.4080, -22.8791, -81.9188



14.2990, -3.5984, -12.5402

Inverse Universe

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



109.4780, 15.5403, 55.7088



124.9670, 24.1733, 86.8519



103.7780, -6.2996, 60.7077



81.3750, 1.2941, 4.9331



56.5920, 22.8791, 81.9188



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 134.5220, -15.5403, -55.7088 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 134.5220, -15.5403, -55.7088 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 134.5220, -15.5403, -55.7088 Background



This preview shows how black text looks on a background with the YUV color 134.5220, -15.5403, -55.7088.



This preview shows how white text looks on a background with the YUV color 134.5220, -15.5403, -55.7088.

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

134.5220, -15.5403, -55.7088

Protanopia

150.5740, -27.3980, 14.4056

Deuteranopia

152.2470, -21.3208, 25.2164



Tritanopia

143.9540, 16.2917, -45.5637

Trichromacy



Original Color

134.5220, -15.5403, -55.7088



Protanomaly

144.5600, -22.9541, -11.0151



Deuteranomaly

145.9290, -19.1920, -4.3227



Tritanomaly

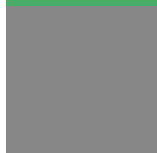
140.2450, 4.8092, -49.3269

Monochromacy



Original Color

134.5220, -15.5403, -55.7088



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

134.9730, -5.9027, -20.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.5220, -15.5403, -55.7088 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(71, 173, 103)` looks like.

```
.text, #text, p{  
    color:rgb(71, 173, 103)  
}
```

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(71, 173, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 173, 103) }
```

Border

The CSS property to change the border of an element to YUV 134.5220, -15.5403, -55.7088 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(71, 173, 103) }
```


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

```
.border{ border-color:rgb(71, 173, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 173, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 173, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 173, 103);  
box-shadow:4px 4px 4px 4px rgb(71, 173,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 134.5220, -15.5403, -55.7088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 173, 103) }
```

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

```
.background{ background-color: rgb(71, 173,  
103) }
```

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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