

Converting Colors

YUV(155.4600, -68.2608,
7.4896)

Have a look what the booklet for
YUV(155.4600, -68.2608, 7.4896)
contains.

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Color

**YUV(155.4600, -68.2608,
7.4896)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B211
RGB	164, 178, 17
RGB Percent	64%, 70%, 7%
CMY	0.3569, 0.3020, 0.9333
CMYK	0.08, 0.00, 0.90, 0.30
HSL	65°, 83%, 38%
HSV	65°, 90%, 70%
XYZ	31.3314, 39.7738, 6.5561
YIQ	155.4600, 43.3370, -53.0390

Conversions

Conversions Part 2

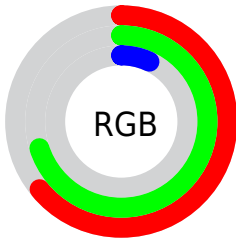
Format	Color
RYB	17, 178, 31
Decimal	10793489
CIELab	69.31, -22.31, 68.69
CIELCh	69, 72.226, 107.994
Yxy	39.7738, 0.4034, 0.5121
Android (android.graphics.Color)	4288983569 (0xFFA4B211)
YUV	155.4600, -68.2608, 7.4896
Hunter-Lab	63.0665, -21.6875, 37.9830

Details

The YUV color **155.4600, -68.2608, 7.4896** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **39.5400, 68.2608, -7.4896**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3120, -63.7508, 7.6194**, and **106.2540, -52.3832, 1.5312** is the 20% darker color. If you saturate the color by 10%, you get **153.2230, -75.5389, 8.5744**, and if you desaturate by 10%, it is **158.1100, -60.6932, 6.9195**.

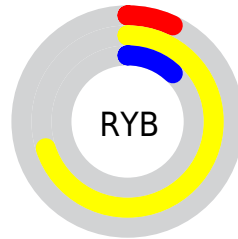
Distribution



Red (64%)

Green (70%)

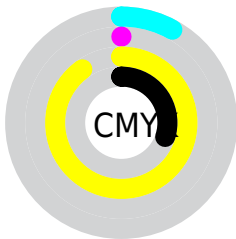
Blue (7%)



Red (7%)

Yellow (70%)

Blue (12%)

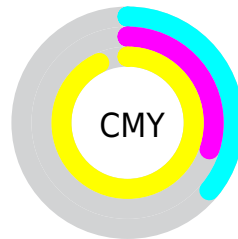


Cyan (8%)

Magenta (0%)

Yellow (90%)

Black (30%)



Cyan (36%)

Magenta (30%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.4600, -68.2608, 7.4896 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 155.4600, -68.2608, 7.4896 by changing the saturation by 10% instead.

■ 155.4600,
-68.2608, 7.4896

■ 155.4600,
-68.2608, 7.4896

■ 255.0000, 0.0000,
0.0000

■ 129.3010,
-63.7454, 5.8750

■ 213.3120,
-63.7508, 7.6194

■ 106.2540,
-52.3832, 1.5312

■ 237.8010,
-62.0199, 12.4525

■ 83.5060, -41.1685,
-2.1978

■ 241.8900,
-50.2318, 11.4975

■ 61.0460, -30.0957,
-7.0563

■ 245.0820,
-38.0014, 8.6981

■ 39.4720, -19.4597,
-11.8149

■ 248.3880,
-25.3343, 5.7987

■ 19.3710, -9.5499,
-16.9884

■ 251.6940,

■ 0.0000, 0.0000,

-12.6671, 2.8994

0.0000

■ 155.4600,
-68.2608, 7.4896

■ 155.4600,
-68.2608, 7.4896

■ 153.2230,
-75.5389, 8.5744

■ 158.1100,
-60.6932, 6.9195

■ 160.4610,
-52.9783, 5.7347

■ 162.9970,
-45.8475, 5.2646

■ 165.3480,
-38.1326, 4.0798

■ 167.9980,
-30.5650, 3.5098

■ 170.3490,
-22.8501, 2.3249

■ 172.9990,
-15.2825, 1.7549

■ 175.2360, -8.0043,
0.6700

■ 177.8860, -0.4368,
0.1000

Harmonies

Analogous

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



161.1160, -69.5702, 54.2723



155.4600, -68.2608, 7.4896



145.4840, -34.7486, -54.7985

Triad

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



155.4600, -68.2608, 7.4896



144.1220, 54.6629, -126.3950



162.2130, 17.6430, 81.3742

Complementary

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



155.4600, -68.2608, 7.4896



39.5400, 68.2608, -7.4896

Split Complementary

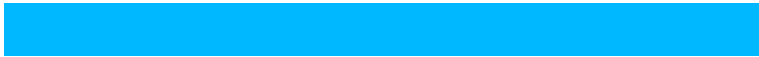
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



173.8070, 40.0281, 41.3883



155.4600, -68.2608, 7.4896



137.0780, 58.1355, -120.2174

Square

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



155.4600, -68.2608, 7.4896



141.1120, 32.9758, -123.7552



158.8370, 47.4084, -39.3220



153.6290, -10.1701, 88.9024

Rectangle

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



155.4600, -68.2608, 7.4896



128.9770, -5.9047, -113.1128



158.8370, 47.4084, -39.3220



168.8300, 25.2268, 75.5711

Sweetspot

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



155.4600, -68.2608, 7.4896



223.3230, -26.7812, 3.2247



72.7700, -27.4946, 92.2867



111.8850, -15.7193, 1.8549



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



155.4600, -68.2608, 7.4896



199.5720, -98.3890, 10.8994



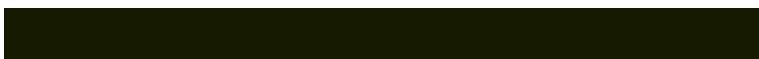
131.5400, -56.4682, -41.6926



87.6750, -3.7838, 0.2850



131.6710, -64.9138, 7.3045



22.1390, -10.9145, 0.7551

Inverse Universe

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



39.5400, 68.2608, -7.4896



32.4280, 98.3890, -10.8994



63.4600, 56.4682, 41.6926



81.3250, 3.7838, -0.2850



21.3290, 64.9138, -7.3045



3.5620, 11.0619, -1.3699

Previews

White Background



This preview shows how the YUV color 155.4600, -68.2608, 7.4896 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 155.4600, -68.2608, 7.4896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

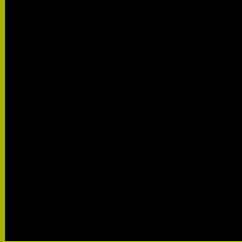
Any Text WCAG AA ✓ Pass

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 155.4600, -68.2608, 7.4896 Background



This preview shows how black text looks on a background with the YUV color 155.4600, -68.2608, 7.4896.



This preview shows how white text looks on a background with the YUV color 155.4600, -68.2608, 7.4896.

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

155.4600, -68.2608, 7.4896

Protanopia

157.7940, -71.3834, 29.1217

Deuteranopia

161.3690, -63.2859, 45.2804



Tritanopia

170.1840, 4.3463, 5.9776

Trichromacy



Original Color

155.4600, -68.2608, 7.4896

Protanomaly

156.6790, -70.3407, 21.3295

Deuteranomaly

159.4120, -65.2791, 31.2107

Tritanomaly

164.8980, -22.1347, 6.2285

Monochromacy



Original Color

155.4600, -68.2608, 7.4896

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8930, -24.5972, 2.7248

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.4600, -68.2608, 7.4896 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(164, 178, 17)` looks like.

```
.text, #text, p{  
    color:rgb(164, 178, 17)  
}
```

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(164, 178, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 178, 17) }
```

Border

The CSS property to change the border of an element to YUV 155.4600, -68.2608, 7.4896 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(164, 178, 17) }
```


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

```
.border{ border-color:rgb(164, 178, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 178, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 178, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 178, 17);  
box-shadow:4px 4px 4px 4px rgb(164, 178,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 155.4600, -68.2608, 7.4896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 178, 17) }
```

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

```
.background{ background-color: rgb(164,  
178, 17) }
```

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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