

Converting Colors

YUV(156.5130, -35.2559,
-32.0219)

Have a look what the booklet for
YUV(156.5130, -35.2559, -32.0219)
contains.

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Color

**YUV(156.5130, -35.2559,
-32.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	78BD55
RGB	120, 189, 85
RGB Percent	47%, 74%, 33%
CMY	0.5294, 0.2588, 0.6667
CMYK	0.37, 0.00, 0.55, 0.26
HSL	100°, 44%, 54%
HSV	100°, 55%, 74%
XYZ	27.5830, 41.0441, 15.0629
YIQ	156.5130, -7.7400, -46.9720

Conversions

Conversions Part 2

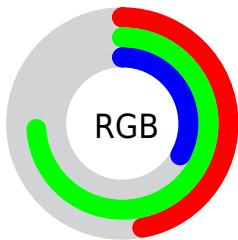
Format	Color
RYB	85, 189, 154
Decimal	7912789
CIELab	70.21, -40.55, 45.19
CIElCh	70, 60.718, 131.898
Yxy	41.0441, 0.3296, 0.4904
Android (android.graphics.Color)	4286102869 (0xFF78BD55)
YUV	156.5130, -35.2559, -32.0219
Hunter-Lab	64.0657, -35.2631, 30.9060

Details

The YUV color **156.5130, -35.2559, -32.0219** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **117.4870, 35.2559, 32.0219**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6440, -37.2925, -32.1368**, and **102.4420, -34.2349, -32.8366** is the 20% darker color. If you saturate the color by 10%, you get **150.4600, -41.6388, -38.1144**, and if you desaturate by 10%, it is **162.5660, -28.8730, -25.9294**.

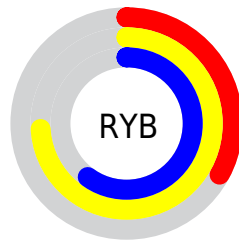
Distribution



Red (47%)

Green (74%)

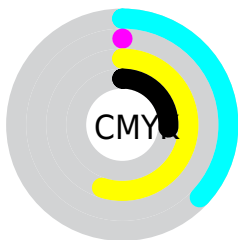
Blue (33%)



Red (33%)

Yellow (74%)

Blue (60%)

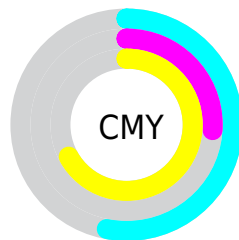


Cyan (37%)

Magenta (0%)

Yellow (55%)

Black (26%)



Cyan (53%)

Magenta (26%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.5130, -35.2559, -32.0219 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 156.5130, -35.2559, -32.0219 by changing the saturation by 10% instead.

■ 156.5130,
-35.2559, -32.0219

■ 156.5130,
-35.2559, -32.0219

■ 255.0000, 0.0000,
0.0000

■ 129.6270,
-34.8191, -32.1219

■ 212.6440,
-37.2925, -32.1368

■ 102.4420,
-34.2349, -32.8366

■ 229.3770,
-32.2309, -22.2556

■ 74.8610, -36.4135,
-34.0811

■ 241.2400,
-24.2753, -7.2265

■ 49.3080, -24.3088,
-43.2431

■ 251.1240,
-14.8511, 3.3993

■ 35.2200, -17.3635,
-30.8879

■ 254.4300, -2.1840,
0.4999

■ 23.4800, -11.5756,
-20.5920

■ 0.5870, -0.2894,

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 156.5130,
-35.2559, -32.0219

■ 156.5130,
-35.2559, -32.0219

■ 150.4600,
-41.6388, -38.1144

■ 162.5660,
-28.8730, -25.9294

■ 144.7060,
-48.1691, -43.5922

■ 168.3200,
-22.3428, -20.4516

■ 138.6530,
-54.5519, -49.6847

■ 174.3730,
-15.9599, -14.3591

■ 132.8990,
-61.0822, -55.1624

■ 180.1270, -9.4296,
-8.8814

■ 130.0790,
-64.1289, -57.9513

■ 186.0660, -3.4835,
-2.6889

■ 191.8200, 3.0467,
2.7889

■ 197.8730, 9.4296,
8.8814

■ 203.6270, 15.9599,
14.3591

■ 209.6800, 22.3428,
20.4516

Harmonies

Analogous

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



163.7010, -53.5896, 15.1712



156.5130, -35.2559, -32.0219



130.4420, 2.2471, -114.3976

Triad

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



156.5130, -35.2559, -32.0219



138.8390, 57.2674, -121.7618



165.1870, -6.5012, 78.7660

Complementary

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



156.5130, -35.2559, -32.0219



117.4870, 35.2559, 32.0219

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.



174.3920, 16.0757, 70.6932



156.5130, -35.2559, -32.0219



161.4510, 46.1197, -45.9995

Square

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



156.5130, -35.2559, -32.0219



142.8680, 49.8581, -125.2952



176.5290, 38.1932, 23.2151



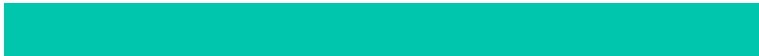
166.8900, -32.9768, 77.2725

Rectangle

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



156.5130, -35.2559, -32.0219



136.0620, 18.7034, -119.3264



176.5290, 38.1932, 23.2151



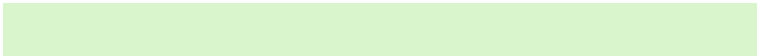
166.6520, 1.6506, 77.4812

Sweetspot

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



156.5130, -35.2559, -32.0219



231.8400, -14.2181, -13.0147



156.0120, -35.0089, 28.9305



114.4800, -8.1246, -7.4370



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



156.5130, -35.2559, -32.0219



194.5390, -54.9887, -49.5847



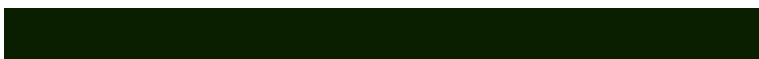
147.8720, -23.1079, -55.1387



91.1800, -3.0467, -2.7889



108.5930, -53.5363, -48.7551



21.1870, -10.4452, -9.8110

Inverse Universe

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



117.4870, 35.2559, 32.0219



133.4610, 54.9887, 49.5847



126.1280, 23.1079, 55.1387



87.8200, 3.0467, 2.7889



49.4070, 53.5363, 48.7551



9.5140, 10.5926, 9.1962

Previews

White Background



This preview shows how the YUV color 156.5130, -35.2559, -32.0219 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 156.5130, -35.2559, -32.0219 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 156.5130, -35.2559, -32.0219 Background



This preview shows how black text looks on a background with the YUV color 156.5130, -35.2559, -32.0219.



This preview shows how white text looks on a background with the YUV color 156.5130, -35.2559, -32.0219.

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

156.5130, -35.2559, -32.0219

Protanopia

165.8940, -42.8387, 20.2640

Deuteranopia

168.6600, -37.7934, 35.3782



Tritanopia

167.3370, 12.1589, -26.6055

Trichromacy



Original Color

156.5130, -35.2559, -32.0219

Protanomaly

162.7560, -40.3057, 1.0910

Deuteranomaly

164.0330, -36.9913, 11.3721

Tritanomaly

163.4450, -5.1494, -28.4543

Monochromacy



Original Color

156.5130, -35.2559, -32.0219

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.1930, -12.9131, -11.5703

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.5130, -35.2559, -32.0219 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(120, 189, 85)` looks like.

```
.text, #text, p{  
    color:rgb(120, 189, 85)  
}
```

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(120, 189, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 189, 85) }
```

Border

The CSS property to change the border of an element to YUV 156.5130, -35.2559, -32.0219 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(120, 189, 85) }
```


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

```
.border{ border-color:rgb(120, 189, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 189, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 189, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 189, 85);  
box-shadow:4px 4px 4px 4px rgb(120, 189,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 156.5130, -35.2559, -32.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 189, 85) }
```

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

```
.background{ background-color: rgb(120,  
189, 85) }
```

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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