

Converting Colors

YUV(152.4820, -75.1736,
-15.3317)

Have a look what the booklet for
YUV(152.4820, -75.1736, -15.3317)
contains.

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Color

**YUV(152.4820, -75.1736,
-15.3317)**

Conversions

Conversions Part 1

Format	Color
Hex	87BF00
RGB	135, 191, 0
RGB Percent	53%, 75%, 0%
CMY	0.4706, 0.2510, 1.0000
CMYK	0.29, 0.00, 1.00, 0.25
HSL	78°, 100%, 37%
HSV	78°, 100%, 75%
XYZ	28.6225, 42.4125, 6.6779
YIQ	152.4820, 27.9350, -71.2730

Conversions

Conversions Part 2

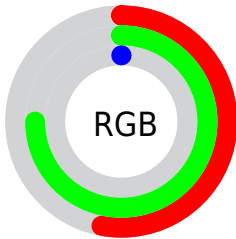
Format	Color
RYB	0, 191, 56
Decimal	8896256
CIELab	71.15, -40.53, 71.39
CIElCh	71, 82.094, 119.581
Yxy	42.4125, 0.3683, 0.5458
Android (android.graphics.Color)	4287086336 (0xFF87BF00)
YUV	152.4820, -75.1736, -15.3317
Hunter-Lab	65.1249, -35.5175, 39.5079

Details

The YUV color **152.4820, -75.1736, -15.3317** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **38.5180, 75.1736, 15.3317**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4030, -65.2747, -17.0164**, and **103.7410, -51.1443, -22.5749** is the 20% darker color. If you saturate the color by 10%, you get **152.4820, -75.1736, -15.3317**, and if you desaturate by 10%, it is **156.4420, -67.7589, -13.5426**.

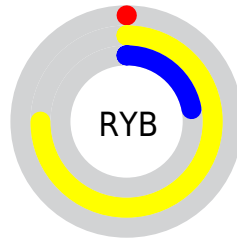
Distribution



Red (53%)

Green (75%)

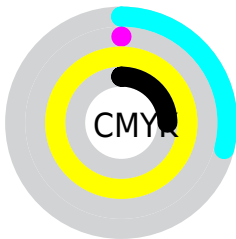
Blue (0%)



Red (0%)

Yellow (75%)

Blue (22%)

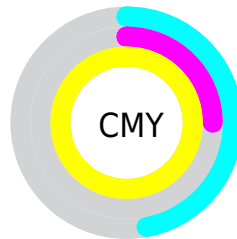


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (47%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.4820, -75.1736, -15.3317 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 152.4820, -75.1736, -15.3317 by changing the saturation by 10% instead.

■ 152.4820,
-75.1736, -15.3317

■ 152.4820,
-75.1736, -15.3317

■ 255.0000, 0.0000,
0.0000

■ 127.9620,
-63.0853, -19.2607

■ 212.4030,
-65.2747, -17.0164

■ 103.7410,
-51.1443, -22.5749

■ 228.4890,
-58.9081, -5.6909

■ 79.8080, -39.3453,
-27.0186

■ 240.9500,
-51.2473, 10.5679

■ 54.0590, -26.6511,
-38.6397

■ 244.8540,
-38.8750, 8.8980

■ 36.9810, -18.2316,
-32.4323

■ 248.1600,
-26.2079, 5.9987

■ 24.0670, -11.8650,
-21.1068

■ 251.4660,

■ 4.6960, -2.3151,

-13.5407, 3.0993

-4.1184

254.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 152.4820,
-75.1736, -15.3317

■ 156.4420,
-67.7589, -13.5426

■ 160.1030,
-60.1968, -12.3683

■ 164.0630,
-52.7821, -10.5793

■ 167.7240,
-45.2199, -9.4049

■ 171.7980,
-37.3684, -7.7158

■ 175.7580,
-29.9537, -5.9268

■ 179.4190,
-22.3916, -4.7525

■ 183.3790,
-14.9768, -2.9634

■ 187.0400, -7.4147,
-1.7891

Harmonies

Analogous

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



162.8680, -80.2939, 40.4578



152.4820, -75.1736, -15.3317



129.7630, -18.1242, -113.8022

Triad

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



152.4820, -75.1736, -15.3317



147.0570, 53.2159, -128.9690



151.2420, 13.6847, 90.9958

Complementary

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



152.4820, -75.1736, -15.3317



38.5180, 75.1736, 15.3317

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.



174.1250, 37.8994, 70.9274



152.4820, -75.1736, -15.3317



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.



152.4820, -75.1736, -15.3317



149.5530, 47.5484, -131.1580



169.9880, 41.9109, -2.6205



150.4370, -22.4004, 91.7018

Rectangle

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



152.4820, -75.1736, -15.3317



138.0390, 3.4318, -121.0602



169.9880, 41.9109, -2.6205



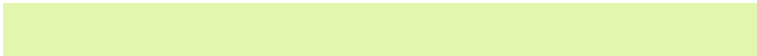
156.4400, 23.4471, 86.4371

Sweetspot

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



152.4820, -75.1736, -15.3317



232.2850, -29.2275, -5.5119



88.8070, -43.7819, 89.6233



115.9830, -17.7396, -3.4931



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



152.4820, -75.1736, -15.3317



197.3140, -97.2758, -19.5694



124.3760, -61.3174, -73.1208



92.3760, -3.6364, -0.3298



126.2340, -62.2334, -12.4832



24.7750, -12.2141, -2.4337

Inverse Universe

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



38.5180, 75.1736, 15.3317



49.9850, 97.1284, 20.1842



66.6240, 61.3174, 73.1208



86.9230, 3.4890, 0.9445



31.7660, 62.2334, 12.4832



6.2250, 12.2141, 2.4337

Previews

White Background



This preview shows how the YUV color 152.4820, -75.1736, -15.3317 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 152.4820, -75.1736, -15.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

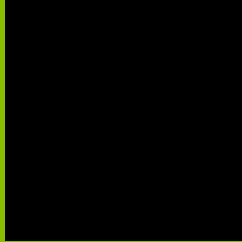
Any Text WCAG AA ✓ Pass

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 152.4820, -75.1736, -15.3317 Background



This preview shows how black text looks on a background with the YUV color 152.4820, -75.1736, -15.3317.



This preview shows how white text looks on a background with the YUV color 152.4820, -75.1736, -15.3317.

-15.3317.

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

152.4820, -75.1736, -15.3317

Protanopia

160.7420, -79.2458, 30.9213

Deuteranopia

166.4400, -64.3069, 46.0951



Tritanopia

172.1210, 9.8003, -16.7691

Trichromacy



Original Color

152.4820, -75.1736, -15.3317

Protanomaly

157.6860, -77.7392, 14.3074

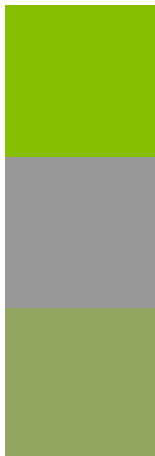
Deuteranomaly

160.9720, -68.0202, 23.7036

Tritanomaly

164.9830, -21.1906, -16.6481

Monochromacy



Original Color

152.4820, -75.1736, -15.3317

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1540, -27.1909, -5.3971

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.4820, -75.1736, -15.3317 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(135, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 191, 0)  
}
```

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(135, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 191, 0) }
```

Border

The CSS property to change the border of an element to YUV 152.4820, -75.1736, -15.3317 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(135, 191, 0) }
```


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

```
.border{ border-color:rgb(135, 191, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 191,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 152.4820, -75.1736, -15.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 191, 0) }
```

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

```
.background{ background-color: rgb(135,  
191, 0) }
```

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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