

Converting Colors

YUV(156.9150, 32.5799, 3.5825)

Have a look what the booklet for
YUV(156.9150, 32.5799, 3.5825)
contains.

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Color

**YUV(156.9150, 32.5799,
3.5825)**

Conversions

Conversions Part 1

Format	Color
Hex	A18EDF
RGB	161, 142, 223
RGB Percent	63%, 56%, 87%
CMY	0.3686, 0.4431, 0.1255
CMYK	0.28, 0.36, 0.00, 0.13
HSL	254°, 56%, 72%
HSV	254°, 36%, 87%
XYZ	37.6902, 32.2508, 74.0506
YIQ	156.9150, -14.6770, 29.2190

Conversions

Conversions Part 2

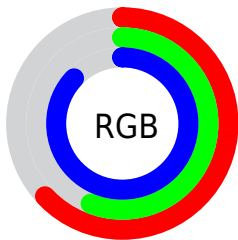
Format	Color
RYB	161, 142, 223
Decimal	10587871
CIELab	63.55, 24.45, -38.73
CIELCh	64, 45.800, 302.269
Yxy	32.2508, 0.2618, 0.2240
Android (android.graphics.Color)	4288777951 (0xFFA18EDF)
YUV	156.9150, 32.5799, 3.5825
Hunter-Lab	56.7898, 19.0847, -37.5579

Details

The YUV color **156.9150, 32.5799, 3.5825** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **208.0850, -32.5799, -3.5825**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0050, 22.6755, 7.0116**, and **105.0350, 30.5487, 1.7233** is the 20% darker color. If you saturate the color by 10%, you get **138.9180, 41.4524, 4.4569**, and if you desaturate by 10%, it is **174.9120, 23.7074, 2.7082**.

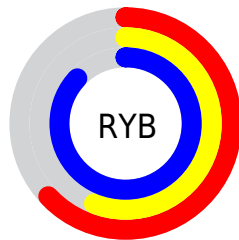
Distribution



Red (63%)

Green (56%)

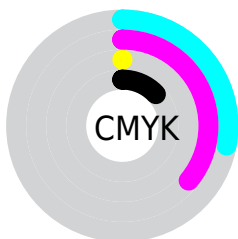
Blue (87%)



Red (63%)

Yellow (56%)

Blue (87%)

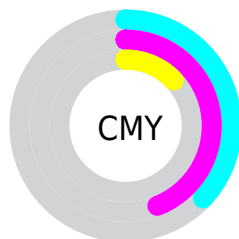


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (13%)



Cyan (37%)

Magenta (44%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.9150, 32.5799, 3.5825 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 156.9150, 32.5799, 3.5825 by changing the saturation by 10% instead.

■ 156.9150, 32.5799,
3.5825

■ 156.9150, 32.5799,
3.5825

255.0000, 0.0000,
0.0000

■ 130.3880, 31.8537,
3.1677

■ 209.0050, 22.6755,
7.0116

■ 105.0350, 30.5487,
1.7233

■ 234.1120, 10.2978,
10.4258

■ 80.2090, 29.9700,
0.6937

■ 253.2390, 0.8682,
1.5444

■ 55.9700, 29.1018,
-0.8507

■ 32.7200, 28.2390,
-4.1394

■ 7.5240, 28.8287,
-6.5985

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 156.9150, 32.5799,
3.5825

■ 156.9150, 32.5799,
3.5825

■ 138.9180, 41.4524,
4.4569

■ 174.9120, 23.7074,
2.7082

■ 120.3340, 50.6143,
5.8461

■ 193.4960, 14.5455,
1.3190

■ 102.3370, 59.4869,
6.7205

■ 211.4930, 5.6730,
0.4446

■ 84.3400, 68.3594,
7.5948

■ 229.4900, -3.1996,
-0.4297

■ 65.7560, 77.5213,
8.9840

■ 248.0740,
-12.3615, -1.8189

■ 47.7590, 86.3938,
9.8584

■ 251.3520,
-13.9775, 3.1993

■ 40.9700, 89.7408,
9.6733

Harmonies

Analogous

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



145.2610, 44.2413, -50.2179



156.9150, 32.5799, 3.5825



158.4440, 17.0361, 42.5836

Triad

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



156.9150, 32.5799, 3.5825



152.5460, -34.7792, 48.6332



120.5090, 17.4971, -105.6864

Complementary

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



156.9150, 32.5799, 3.5825



208.0850, -32.5799, -3.5825

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.



137.8800, -11.7728, -50.7608



156.9150, 32.5799, 3.5825



150.1160, -39.4972, 21.8233

Square

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



156.9150, 32.5799, 3.5825



154.4290, -20.4245, 64.5218



145.3830, -31.2478, -10.8599



124.4820, 35.2584, -109.1707

Rectangle

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



156.9150, 32.5799, 3.5825



156.9270, 4.4730, 58.8230



145.3830, -31.2478, -10.8599



118.9240, 11.3765, -102.5423

Sweetspot

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



156.9150, 32.5799, 3.5825



232.2850, 11.1985, 1.5041



187.6280, 17.4384, -40.0158



114.1340, 6.8359, 0.7595



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.



156.9150, 32.5799, 3.5825



163.5420, 45.0888, 4.7867



168.8750, 26.6836, 28.1736



103.1510, 4.3626, 0.7446



32.3230, 70.8328, 7.6097



8.7610, 19.3448, 1.9636

Inverse Universe

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



173.2870, 15.1415, 43.5983



186.2920, 21.0550, 60.2569



196.1250, -26.6836, -28.1736



105.3150, 2.3097, 5.8627



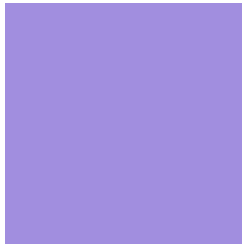
68.0140, 33.0241, 94.7037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 156.9150, 32.5799, 3.5825 looks on a white background.

Color Contrast Check

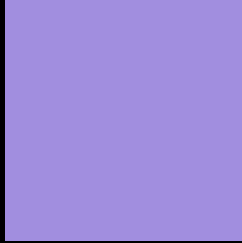
Large Text (above 18pt) WCAG AA × Fail

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 156.9150, 32.5799, 3.5825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

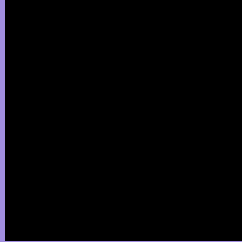
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 156.9150, 32.5799, 3.5825

Background



This preview shows how black text looks on a background with the YUV color 156.9150, 32.5799, 3.5825.



This preview shows how white text looks on a background with the YUV color 156.9150, 32.5799,

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

156.9150, 32.5799, 3.5825

Protanopia

152.9440, 38.4816, -22.7529

Deuteranopia

152.6900, 33.6768, -21.6531



Tritanopia

154.1720, 5.8312, -3.6588

Trichromacy



Original Color

156.9150, 32.5799, 3.5825

Protanomaly

154.4290, 36.2705, -13.5312

Deuteranomaly

154.0440, 33.5023, -12.3166

Tritanomaly

155.4140, 15.5719, -1.2401

Monochromacy



Original Color

156.9150, 32.5799, 3.5825

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.1000, 11.7827, 0.7893

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9150, 32.5799, 3.5825 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(161, 142, 223)` looks like.

```
.text, #text, p{  
    color:rgb(161, 142, 223)  
}
```

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(161, 142, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 142, 223) }
```

Border

The CSS property to change the border of an element to YUV 156.9150, 32.5799, 3.5825 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(161, 142, 223) }
```


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

```
.border{ border-color:rgb(161, 142, 223) }
```

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

Here you see how a box with a 4 pixel rgb(161, 142, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 142, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 142, 223);  
box-shadow:4px 4px 4px 4px rgb(161, 142,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 156.9150, 32.5799, 3.5825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 142, 223) }
```

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

```
.background{ background-color: rgb(161,  
142, 223) }
```

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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