

Converting Colors

YUV(135.7930, 44.4721,
15.9675)

Have a look what the booklet for
YUV(135.7930, 44.4721, 15.9675)
contains.

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Color

**YUV(135.7930, 44.4721,
15.9675)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6DE2
RGB	154, 109, 226
RGB Percent	60%, 43%, 89%
CMY	0.3961, 0.5725, 0.1137
CMYK	0.32, 0.52, 0.00, 0.11
HSL	263°, 67%, 66%
HSV	263°, 52%, 89%
XYZ	32.5225, 23.2983, 74.7344
YIQ	135.7930, -10.7370, 45.9270

Conversions

Conversions Part 2

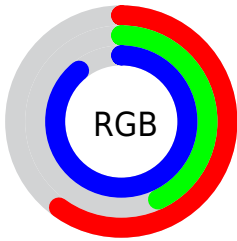
Format	Color
RYB	154, 109, 226
Decimal	10120674
CIELab	55.38, 42.05, -53.35
CIElCh	55, 67.936, 308.245
Yxy	23.2983, 0.2491, 0.1785
Android (android.graphics.Color)	4288310754 (0xFF9A6DE2)
YUV	135.7930, 44.4721, 15.9675
Hunter-Lab	48.2683, 35.8014, -58.0116

Details

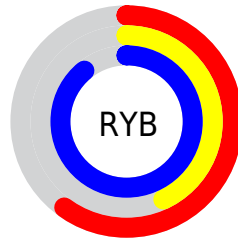
The YUV color **135.7930, 44.4721, 15.9675** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **199.2070, -44.4721, -15.9675**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2530, 33.3993, 20.8261**, and **83.3150, 42.7357, 12.8787** is the 20% darker color. If you saturate the color by 10%, you get **118.1060, 53.1917, 19.2010**, and if you desaturate by 10%, it is **153.4800, 35.7524, 12.7340**.

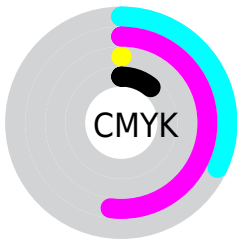
Distribution



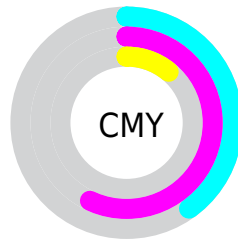
- Red (60%)
- Green (43%)
- Blue (89%)



- Red (60%)
- Yellow (43%)
- Blue (89%)



- Cyan (32%)
- Magenta (52%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (57%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7930, 44.4721, 15.9675 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 135.7930, 44.4721, 15.9675 by changing the saturation by 10% instead.

135.7930, 44.4721,
15.9675

135.7930, 44.4721,
15.9675

255.0000, 0.0000,
0.0000

109.5540, 43.6039,
14.4231

187.2530, 33.3993,
20.8261

83.3150, 42.7357,
12.8787

212.0720, 21.1635,
25.3699

58.0760, 41.8675,
11.3343

232.6940, 10.9969,
19.5624

31.7660, 42.0204,
8.9752

249.7170, 2.6045,
4.6332

10.9720, 39.4538,
-7.8684

7.6380, 29.2655,
-6.6985

6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 135.7930, 44.4721,
15.9675

■ 135.7930, 44.4721,
15.9675

■ 118.1060, 53.1917,
19.2010

■ 153.4800, 35.7524,
12.7340

■ 101.0060, 61.6220,
21.9197

■ 170.5800, 27.3221,
10.0153

■ 83.3190, 70.3417,
25.1532

■ 188.2670, 18.6024,
6.7818

■ 66.2190, 78.7720,
27.8719

■ 205.3670, 10.1721,
4.0631

■ 51.7770, 85.8919,
30.8906

■ 223.0540, 1.4524,
0.8296

■ 240.4420, -7.1199,
-3.0186

■ 250.4980,
-12.0775, 0.4403

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



107.7450, 70.1317, -94.4924



135.7930, 44.4721, 15.9675



131.5370, 22.9063, 73.1971

Triad

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



135.7930, 44.4721, 15.9675



124.0380, -61.1507, 60.4797



110.2050, 18.6329, -96.6498

Complementary

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



135.7930, 44.4721, 15.9675



199.2070, -44.4721, -15.9675

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.



101.3760, -7.5804, -88.9068



135.7930, 44.4721, 15.9675



122.6000, -60.4418, 19.6448

Square

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



135.7930, 44.4721, 15.9675



125.4230, -31.2675, 89.0830



114.1190, -44.4287, -29.9224



116.0020, 43.3830, -101.7338

Rectangle

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



135.7930, 44.4721, 15.9675



125.4290, 6.6905, 94.3398



114.1190, -44.4287, -29.9224



107.8110, 9.4602, -94.5502

Sweetspot

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



135.7930, 44.4721, 15.9675



223.4580, 15.5502, 5.7373



164.6020, 30.2692, -48.7630



108.8400, 9.4459, 3.6483



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.



135.7930, 44.4721, 15.9675



133.2510, 60.0223, 21.7049



153.1350, 35.9224, 51.6246



103.4500, 4.2151, 1.3593



40.3960, 66.8528, 24.2087



11.1530, 18.1656, 6.8818

Inverse Universe

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



152.1910, 14.2028, 64.7305



155.3000, 19.0791, 87.4369



181.8650, -35.9224, -51.6246



105.0870, 1.4361, 6.0627



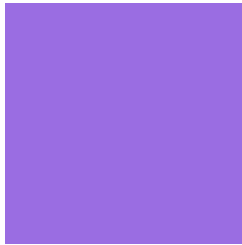
64.9360, 21.2306, 97.4031



17.7720, 6.0284, 26.5100

Previews

White Background



This preview shows how the YUV color 135.7930, 44.4721, 15.9675 looks on a white background.

Color Contrast Check

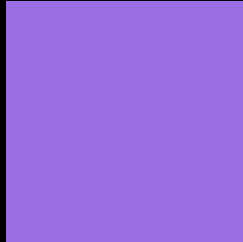
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7930, 44.4721, 15.9675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

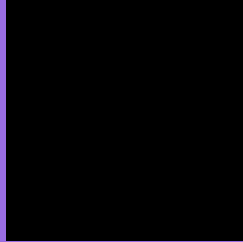
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.7930, 44.4721, 15.9675

Background



This preview shows how black text looks on a background with the YUV color 135.7930, 44.4721, 15.9675.



This preview shows how white text looks on a background with the YUV color 135.7930, 44.4721, 15.9675.

15.9675.

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

135.7930, 44.4721, 15.9675

Protanopia

125.2950, 59.5076, -46.7397

Deuteranopia

125.9780, 46.8458, -45.5847



Tritanopia

133.2330, 3.3361, 3.3037

Trichromacy



Original Color

135.7930, 44.4721, 15.9675



Protanomaly

129.3580, 54.0535, -23.9930



Deuteranomaly

129.5940, 46.0492, -23.3229



Tritanomaly

133.8650, 18.3076, 8.0114

Monochromacy



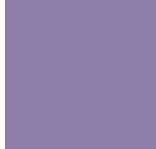
Original Color

135.7930, 44.4721, 15.9675



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

135.9850, 16.2764, 6.1522

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7930, 44.4721, 15.9675 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(154, 109, 226)` looks like.

```
.text, #text, p{  
    color:rgb(154, 109, 226)  
}
```

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(154, 109, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 109, 226) }
```

Border

The CSS property to change the border of an element to YUV 135.7930, 44.4721, 15.9675 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(154, 109, 226) }
```


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

```
.border{ border-color:rgb(154, 109, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 109, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 109, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 109, 226);  
box-shadow:4px 4px 4px 4px rgb(154, 109,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 135.7930, 44.4721, 15.9675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 109, 226) }
```

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

```
.background{ background-color: rgb(154,  
109, 226) }
```

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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