

Converting Colors

YUV(95.6230, 28.7799, 9.1006)

Have a look what the booklet for
YUV(95.6230, 28.7799, 9.1006)
contains.

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Color

**YUV(95.6230, 28.7799,
9.1006)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4F9A
RGB	106, 79, 154
RGB Percent	42%, 31%, 60%
CMY	0.5843, 0.6902, 0.3961
CMYK	0.31, 0.49, 0.00, 0.40
HSL	262°, 32%, 46%
HSV	262°, 49%, 60%
XYZ	14.5726, 10.9892, 31.9249
YIQ	95.6230, -7.9830, 29.0490

Conversions

Conversions Part 2

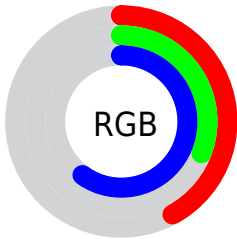
Format	Color
R _Y B	106, 79, 154
Decimal	6967194
CIE Lab	39.56, 28.12, -37.07
CIE LCh	40, 46.528, 307.180
Yxy	10.9892, 0.2535, 0.1912
Android (android.graphics.Color)	4285157274 (0xFF6A4F9A)
YUV	95.6230, 28.7799, 9.1006
Hunter-Lab	33.1500, 20.4552, -33.8939

Details

The YUV color **95.6230, 28.7799, 9.1006** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **137.3770, -28.7799, -9.1006**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0900, 30.5216, 10.4451**, and **47.4440, 26.8961, 6.6266** is the 20% darker color. If you saturate the color by 10%, you get **83.8280, 34.5948, 10.6748**, and if you desaturate by 10%, it is **107.4180, 22.9649, 7.5264**.

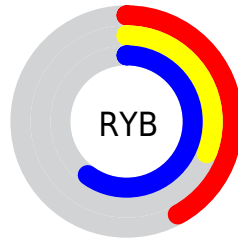
Distribution



Red (42%)

Green (31%)

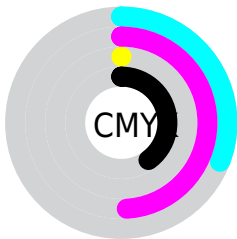
Blue (60%)



Red (42%)

Yellow (31%)

Blue (60%)

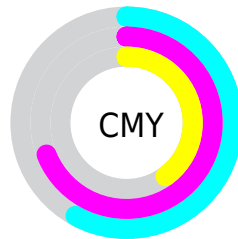


Cyan (31%)

Magenta (49%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (69%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6230, 28.7799, 9.1006 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 95.6230, 28.7799, 9.1006 by changing the saturation by 10% instead.

■ 95.6230, 28.7799,
9.1006

■ 95.6230, 28.7799,
9.1006

■ 255.0000, 0.0000,
0.0000

■ 71.3840, 27.9117,
7.5562

■ 147.0900, 30.5216,
10.4451

■ 47.4440, 26.8961,
6.6266

■ 173.9160, 31.1004,
11.4747

■ 24.6070, 26.3227,
3.8527

■ 200.1890, 27.0218,
12.9892

■ 9.2600, 22.5498,
0.6490

■ 225.2960, 14.6441,
16.4034

■ 4.8220, 13.3988,
-4.2289

■ 245.0210, 4.9196,
8.7516

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 95.6230, 28.7799,
9.1006

■ 95.6230, 28.7799,
9.1006

■ 83.8280, 34.5948,
10.6748

■ 107.4180, 22.9649,
7.5264

■ 71.4460, 40.6991,
12.7639

■ 119.8000, 16.8606,
5.4374

■ 59.6510, 46.5141,
14.3381

■ 131.5950, 11.0457,
3.8632

■ 47.5680, 52.4710,
17.0419

■ 143.6780, 5.0887,
1.1594

■ 35.7730, 58.2859,
18.6161

■ 155.4730, -0.7262,
-0.4148

■ 34.0010, 59.1595,
18.4161

■ 167.2680, -6.5411,
-1.9890

■ 179.6500,
-12.6455, -4.0781

■ 191.4450,
-18.4604, -5.6523

■ 203.8270,
-24.5647, -7.7413

Harmonies

Analogous

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



75.6290, 46.0319, -64.5726



95.6230, 28.7799, 9.1006



94.0700, 14.2625, 45.5426

Triad

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



95.6230, 28.7799, 9.1006



89.3770, -35.1889, 40.0114



76.7850, 12.4310, -67.3404

Complementary

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



95.6230, 28.7799, 9.1006



137.3770, -28.7799, -9.1006

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.



71.0510, -4.4621, -62.3117



95.6230, 28.7799, 9.1006



86.5020, -41.6595, 15.3457

Square

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



95.6230, 28.7799, 9.1006



89.7980, -20.1134, 58.0592



82.9630, -27.5898, -17.5076



80.3020, 28.4451, -70.4249

Rectangle

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



95.6230, 28.7799, 9.1006



91.2860, 3.3100, 58.5082



82.9630, -27.5898, -17.5076



75.1890, 6.3158, -65.9408

Sweetspot

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



95.6230, 28.7799, 9.1006



177.7090, 11.4825, 3.7632



116.3130, 18.5797, -32.7235



87.8460, 6.9779, 1.8891



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



95.6230, 28.7799, 9.1006



110.7820, 44.4775, 14.2232



106.6860, 23.3258, 31.8474



70.8090, 3.0522, 1.0445



30.9100, 53.7814, 16.7419



2.9770, 4.9413, 1.7742

Inverse Universe

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



106.8970, 9.9108, 41.3093



128.1200, 15.2238, 63.9158



126.3140, -23.3258, -31.8474



71.9620, 1.0047, 4.4183



52.1200, 18.6748, 77.0708



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 95.6230, 28.7799, 9.1006 looks on a white 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

Black Background



This preview shows how the YUV color 95.6230, 28.7799, 9.1006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

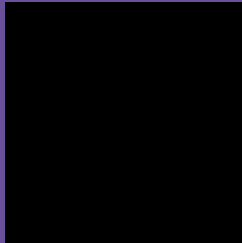
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.6230, 28.7799, 9.1006

Background



This preview shows how black text looks on a background with the YUV color 95.6230, 28.7799, 9.1006.

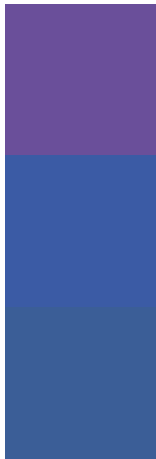


This preview shows how white text looks on a background with the YUV color 95.6230, 28.7799,

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

95.6230, 28.7799, 9.1006

Protanopia

89.8680, 37.0401, -27.0712

Deuteranopia

90.0330, 30.0567, -27.2159



Tritanopia

93.6950, 2.6154, 1.1445

Trichromacy



Original Color

95.6230, 28.7799, 9.1006

Protanomaly

92.1470, 33.9445, -14.1609

Deuteranomaly

92.2950, 29.4346, -14.2907

Tritanomaly

94.2360, 12.2087, 4.1780

Monochromacy



Original Color

95.6230, 28.7799, 9.1006

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0680, 10.3195, 3.4484

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6230, 28.7799, 9.1006 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(106, 79, 154)` looks like.

```
.text, #text, p{  
    color:rgb(106, 79, 154)  
}
```

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(106, 79, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 79, 154) }
```

Border

The CSS property to change the border of an element to YUV 95.6230, 28.7799, 9.1006 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(106, 79, 154) }
```


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

```
.border{ border-color:rgb(106, 79, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 79, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 79, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 79, 154);  
box-shadow:4px 4px 4px 4px rgb(106, 79,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 95.6230, 28.7799, 9.1006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 79, 154) }
```

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

```
.background{ background-color: rgb(106, 79,  
154) }
```

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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