

Converting Colors

YUV(95.9150, 52.7929, 7.0905)

Have a look what the booklet for
YUV(95.9150, 52.7929, 7.0905)
contains.

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Color

**YUV(95.9150, 52.7929,
7.0905)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6847CB |
| RGB | 104, 71, 203 |
| RGB Percent | 41%, 28%, 80% |
| CMY | 0.5922, 0.7216, 0.2039 |
| CMYK | 0.49, 0.65, 0.00, 0.20 |
| HSL | 255°, 56%, 54% |
| HSV | 255°, 65%, 80% |
| XYZ | 18.7417, 11.7613, 57.7823 |
| YIQ | 95.9150, -22.7040, 48.0480 |

Conversions

Conversions Part 2

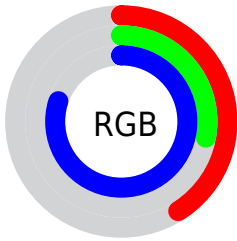
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 104, 71, 203 |
| Decimal | 6834123 |
| CIELab | 40.83, 46.05, -63.93 |
| CIELCh | 41, 78.789, 305.763 |
| Yxy | 11.7613, 0.2123, 0.1332 |
| Android (android.graphics.Color) | 4285024203 (0xFF6847CB) |
| YUV | 95.9150, 52.7929, 7.0905 |
| Hunter-Lab | 34.2948, 37.5320, -75.8896 |

Details

The YUV color **95.9150, 52.7929, 7.0905** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **178.0850, -52.7929, -7.0905**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5350, 52.4872, 11.8088**, and **42.6320, 51.9464, -1.4313** is the 20% darker color. If you saturate the color by 10%, you get **79.6900, 60.7918, 8.1649**, and if you desaturate by 10%, it is **112.1400, 44.7940, 6.0162**.

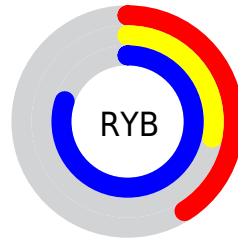
Distribution



Red (41%)

Green (28%)

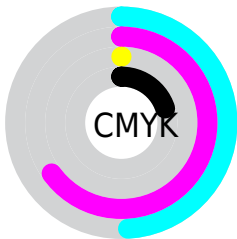
Blue (80%)



Red (41%)

Yellow (28%)

Blue (80%)

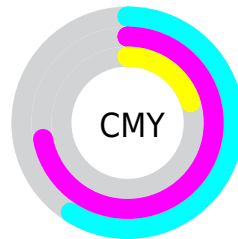


Cyan (49%)

Magenta (65%)

Yellow (0%)

Black (20%)



Cyan (59%)

Magenta (72%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9150, 52.7929, 7.0905 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 95.9150, 52.7929, 7.0905 by changing the saturation by 10% instead.

■ 95.9150, 52.7929,
7.0905

■ 95.9150, 52.7929,
7.0905

■ 255.0000, 0.0000,
0.0000

■ 69.6650, 51.9302,
3.8018

■ 148.5350, 52.4872,
11.8088

■ 42.6320, 51.9464,
-1.4313

■ 173.0550, 40.3989,
15.7378

■ 13.7940, 52.8526,
-12.0973

■ 197.8740, 28.1631,
20.2815

■ 10.9440, 41.9326,
-9.5979

■ 223.2800, 15.6380,
24.3104

■ 9.8550, 30.1445,
-8.6428

■ 240.9120, 6.9454,
12.3552

■ 7.7060, 19.3719,
-6.7582

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 95.9150, 52.7929,
7.0905

■ 95.9150, 52.7929,
7.0905

■ 79.6900, 60.7918,
8.1649

■ 112.1400, 44.7940,
6.0162

■ 62.8780, 69.0801,
9.7540

■ 128.9520, 36.5057,
4.4271

■ 46.3540, 77.2265,
10.2135

■ 145.4760, 28.3593,
3.9675

■ 38.3910, 81.1522,
11.0581

■ 161.7010, 20.3604,
2.8932

■ 178.5130, 12.0721,
1.3041

■ 194.7380, 4.0732,
0.2298

■ 211.2620, -4.0732,
-0.2298

■ 227.4870,
-12.0721, -1.3041

■ 244.2990,
-20.3604, -2.8932

Harmonies

Analogous

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



85.8660, 70.0721, -75.3045



95.9150, 52.7929, 7.0905



70.7350, 39.5706, 94.9484

Triad

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



95.9150, 52.7929, 7.0905



89.2180, -43.9845, 61.1988



83.9260, 11.8685, -73.6031

Complementary

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



95.9150, 52.7929, 7.0905



178.0850, -52.7929, -7.0905

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.



74.0710, -18.2760, -64.9603



95.9150, 52.7929, 7.0905



89.5190, -44.1329, 15.3308

Square

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



95.9150, 52.7929, 7.0905



68.5470, -22.4547, 109.1453



73.8170, -36.3918, -41.0585



91.1080, 39.3868, -79.9017

Rectangle

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



95.9150, 52.7929, 7.0905



72.1120, 17.6928, 112.1578



73.8170, -36.3918, -41.0585



80.7170, 2.1115, -70.7888

Sweetspot

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



95.9150, 52.7929, 7.0905



213.7010, 20.3604, 2.8932



144.1610, 29.0076, -64.1622



102.9260, 12.3615, 1.8189



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.



95.9150, 52.7929, 7.0905



93.6360, 79.5525, 10.8432



115.6490, 43.0640, 47.6658



93.7380, 4.0732, 0.2298



31.1830, 66.4648, 8.6095



7.3220, 15.1243, 2.3486

Inverse Universe

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



121.7540, 23.7853, 71.2527



132.4870, 35.7489, 107.4439



158.3510, -43.0640, -47.6658



95.7880, 1.5835, 5.4479



63.7700, 29.6934, 89.6557



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 95.9150, 52.7929, 7.0905 looks on a white background.

Color Contrast Check

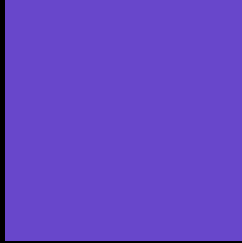
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.9150, 52.7929, 7.0905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

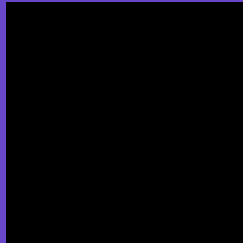
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.9150, 52.7929, 7.0905

Background



This preview shows how black text looks on a background with the YUV color 95.9150, 52.7929, 7.0905.



This preview shows how white text looks on a background with the YUV color 95.9150, 52.7929,

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

95.9150, 52.7929, 7.0905

Deuteranopia

77.4930, 45.6060, -67.9614

Tritanopia

94.0350, 6.8847, -14.9397

Trichromacy



Original Color

95.9150, 52.7929, 7.0905

Deuteranomaly

84.3530, 48.1400, -40.6516

Tritanomaly

94.5580, 23.8819, -6.6284

Monochromacy



Original Color

95.9150, 52.7929, 7.0905

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0600, 19.1974, 2.5784

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9150, 52.7929, 7.0905 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(104, 71, 203)` looks like.

```
.text, #text, p{  
    color:rgb(104, 71, 203)  
}
```

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(104, 71, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 71, 203) }
```

Border

The CSS property to change the border of an element to YUV 95.9150, 52.7929, 7.0905 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(104, 71, 203) }
```

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

```
.border{ border-color:rgb(104, 71, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 71, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 71, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 71, 203);  
box-shadow:4px 4px 4px 4px rgb(104, 71,  
203) }
```


Background

The CSS property to change the background color of an element to YUV 95.9150, 52.7929, 7.0905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 71, 203) }
```

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

```
.background{ background-color: rgb(104, 71,  
203) }
```

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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