

Converting Colors

YUV(96.8340, 52.3398, 12.4236)

Have a look what the booklet for
YUV(96.8340, 52.3398, 12.4236)
contains.

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Color

**YUV(96.8340, 52.3398,
12.4236)**

Conversions

Conversions Part 1

Format	Color
Hex	6F45CB
RGB	111, 69, 203
RGB Percent	44%, 27%, 80%
CMY	0.5647, 0.7294, 0.2039
CMYK	0.45, 0.66, 0.00, 0.20
HSL	259°, 56%, 53%
HSV	259°, 66%, 80%
XYZ	19.4632, 11.9475, 57.7802
YIQ	96.8340, -17.9820, 50.5780

Conversions

Conversions Part 2

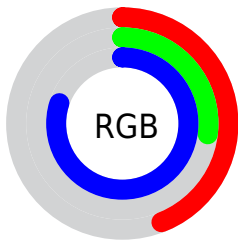
Format	Color
R _Y B	111, 69, 203
Decimal	7292363
CIE Lab	41.13, 48.45, -63.42
CIE LCh	41, 79.805, 307.379
Yxy	11.9475, 0.2182, 0.1340
Android (android.graphics.Color)	4285482443 (0xFF6F45CB)
YUV	96.8340, 52.3398, 12.4236
Hunter-Lab	34.5652, 40.0215, -74.9152

Details

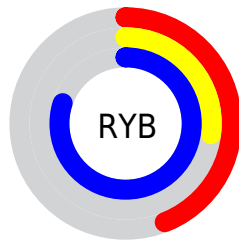
The YUV color **96.8340, 52.3398, 12.4236** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **175.1660, -52.3398, -12.4236**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0410, 51.7448, 16.6270**, and **42.9750, 51.7773, 6.1609** is the 20% darker color. If you saturate the color by 10%, you get **80.9080, 60.1914, 14.1127**, and if you desaturate by 10%, it is **112.7600, 44.4883, 10.7345**.

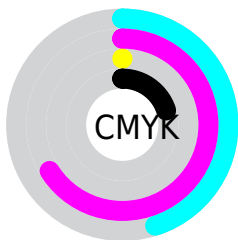
Distribution



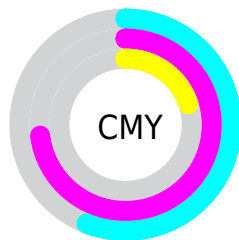
- Red (44%)
- Green (27%)
- Blue (80%)



- Red (44%)
- Yellow (27%)
- Blue (80%)



- Cyan (45%)
- Magenta (66%)
- Yellow (0%)
- Black (20%)



- Cyan (56%)
- Magenta (73%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8340, 52.3398, 12.4236 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 96.8340, 52.3398, 12.4236 by changing the saturation by 10% instead.

■ 96.8340, 52.3398,
12.4236

■ 96.8340, 52.3398,
12.4236

■ 255.0000, 0.0000,
0.0000

■ 70.2960, 51.6191,
10.2644

■ 150.0410, 51.7448,
16.6270

■ 42.9750, 51.7773,
6.1609

■ 173.9740, 39.9458,
21.0708

■ 14.6910, 52.4103,
-10.2530

■ 198.7930, 27.7101,
25.6145

■ 10.9440, 41.9326,
-9.5979

■ 223.3020, 15.6271,
27.7991

■ 8.0940, 31.0127,
-7.0984

■ 240.3250, 7.2348,
12.8700

■ 7.7060, 19.3719,
-6.7582

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 96.8340, 52.3398,
12.4236

■ 96.8340, 52.3398,
12.4236

■ 80.9080, 60.1914,
14.1127

■ 112.7600, 44.4883,
10.7345

■ 64.3950, 68.3323,
16.3166

■ 129.2730, 36.3474,
8.5306

■ 48.4690, 76.1838,
18.0057

■ 145.1990, 28.4959,
6.8415

■ 42.2780, 79.2359,
19.0502

■ 161.1250, 20.6444,
5.1524

■ 177.6380, 12.5035,
2.9485

■ 193.5640, 4.6519,
1.2594

■ 209.4900, -3.1996,
-0.4297

■ 225.1170,
-10.9037, -2.7336

■ 241.6300,
-19.0446, -4.9375

Harmonies

Analogous

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



85.5070, 71.2350, -74.9896



96.8340, 52.3398, 12.4236



72.0020, 37.9600, 98.2222

Triad

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



96.8340, 52.3398, 12.4236



90.6800, -44.7052, 59.0396



84.9690, 13.3263, -74.5178

Complementary

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



96.8340, 52.3398, 12.4236



175.1660, -52.3398, -12.4236

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.



75.1140, -16.8182, -65.8750



96.8340, 52.3398, 12.4236



90.0950, -44.4168, 13.0717

Square

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



96.8340, 52.3398, 12.4236



70.6240, -25.9436, 108.2008



71.1040, -35.0543, -50.0802



92.2650, 41.2814, -80.9164

Rectangle

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



96.8340, 52.3398, 12.4236



72.7810, 16.3770, 114.2021



71.1040, -35.0543, -50.0802



81.7600, 3.5693, -71.7035

Sweetspot

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



96.8340, 52.3398, 12.4236



214.5980, 19.9182, 4.7376



139.4540, 31.3282, -61.7882



103.2250, 12.2141, 2.4337



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.



96.8340, 52.3398, 12.4236



95.7510, 78.5098, 18.6354



116.2690, 42.7584, 52.3841



94.0370, 3.9258, 0.8446



34.4720, 64.8433, 15.3721



7.9200, 14.8294, 3.5782

Inverse Universe

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



119.5540, 20.4329, 73.1821



129.8310, 30.6493, 109.7732



155.7310, -42.7584, -52.3841



95.7880, 1.5835, 5.4479



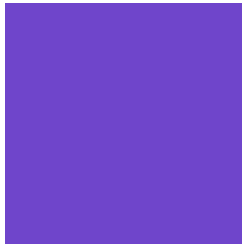
62.6300, 25.3254, 90.6555



14.3260, 5.7553, 20.7621

Previews

White Background



This preview shows how the YUV color 96.8340, 52.3398, 12.4236 looks on a white background.

Color Contrast Check

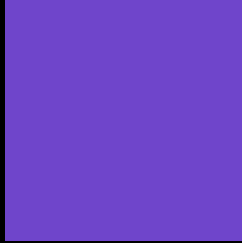
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.8340, 52.3398, 12.4236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

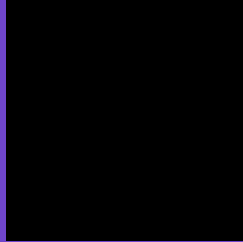
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8340, 52.3398, 12.4236

Background



This preview shows how black text looks on a background with the YUV color 96.8340, 52.3398, 12.4236.



This preview shows how white text looks on a background with the YUV color 96.8340, 52.3398,

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

96.8340, 52.3398, 12.4236

Protanopia

77.7500, 59.2833, -68.1868

Deuteranopia

77.7210, 46.4795, -68.1613



Tritanopia

96.0250, 5.4107, -8.7919

Trichromacy



Original Color

96.8340, 52.3398, 12.4236



Protanomaly

84.6550, 56.8651, -39.1624



Deuteranomaly

84.4780, 48.5713, -39.0072



Tritanomaly

96.2490, 22.5552, -1.0954

Monochromacy



Original Color

96.8340, 52.3398, 12.4236



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

97.0710, 19.1920, 4.3227

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8340, 52.3398, 12.4236 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(111, 69, 203)` looks like.

```
.text, #text, p{  
    color:rgb(111, 69, 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(111, 69, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 69, 203) }
```

Border

The CSS property to change the border of an element to YUV 96.8340, 52.3398, 12.4236 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(111, 69, 203) }
```


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

```
.border{ border-color:rgb(111, 69, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 69, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 69, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 69, 203);  
box-shadow:4px 4px 4px 4px rgb(111, 69,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 96.8340, 52.3398, 12.4236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 69, 203) }
```

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

```
.background{ background-color: rgb(111, 69,  
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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