

Converting Colors

YUV(85.6660, 67.2127, 2.0469)

Have a look what the booklet for
YUV(85.6660, 67.2127, 2.0469)
contains.

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Color

**YUV(85.6660, 67.2127,
2.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	583ADE
RGB	88, 58, 222
RGB Percent	35%, 23%, 87%
CMY	0.6549, 0.7725, 0.1294
CMYK	0.60, 0.74, 0.00, 0.13
HSL	251°, 71%, 55%
HSV	251°, 74%, 87%
XYZ	18.7224, 10.3747, 70.1230
YIQ	85.6660, -34.7640, 57.3640

Conversions

Conversions Part 2

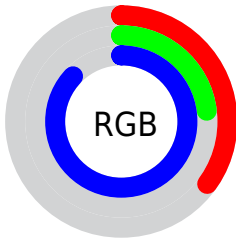
Format	Color
R_{YB}	88, 58, 222
Decimal	5782238
CIE _{Lab}	38.51, 55.98, -78.74
CIE _{LCh}	39, 96.609, 305.411
Yxy	10.3747, 0.1887, 0.1046
Android (android.graphics.Color)	4283972318 (0xFF583ADE)
YUV	85.6660, 67.2127, 2.0469
Hunter-Lab	32.2099, 47.3881, -106.5314

Details

The YUV color **85.6660, 67.2127, 2.0469** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **194.3340, -67.2127, -2.0469**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2020, 57.5814, 11.2238**, and **21.1580, 70.9141, -18.5556** is the 20% darker color. If you saturate the color by 10%, you get **67.3700, 76.2326, 2.3065**, and if you desaturate by 10%, it is **103.9620, 58.1927, 1.7873**.

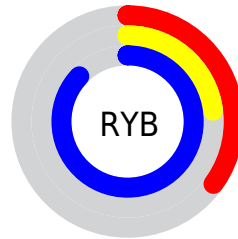
Distribution



Red (35%)

Green (23%)

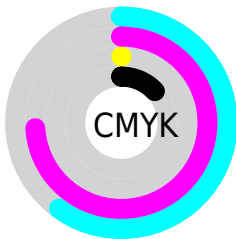
Blue (87%)



Red (35%)

Yellow (23%)

Blue (87%)

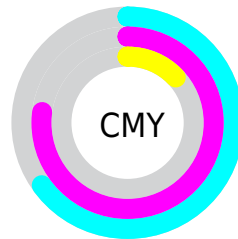


Cyan (60%)

Magenta (74%)

Yellow (0%)

Black (13%)



Cyan (65%)

Magenta (77%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6660, 67.2127, 2.0469 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 85.6660, 67.2127, 2.0469 by changing the saturation by 10% instead.

■ 85.6660, 67.2127,
2.0469

■ 85.6660, 67.2127,
2.0469

■ 255.0000, 0.0000,
0.0000

■ 56.6220, 67.2344,
-4.9305

■ 138.2020, 57.5814,
11.2238

■ 21.1580, 70.9141,
-18.5556

■ 162.7330, 45.4876,
16.8972

■ 15.7320, 60.2781,
-13.7970

■ 187.5520, 33.2519,
21.4409

■ 12.7680, 48.9214,
-11.1975

■ 213.2570, 20.5793,
26.0846

■ 13.9130, 35.5389,
-12.2017

■ 233.2810, 10.7075,
19.0476

■ 10.5900, 25.3451,
-9.2874

■ 250.3040, 2.3151,

■ 6.2070, 16.1669,

4.1184

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 85.6660, 67.2127,
2.0469

■ 85.6660, 67.2127,
2.0469

■ 67.3700, 76.2326,
2.3065

■ 103.9620, 58.1927,
1.7873

■ 49.0740, 85.2525,
2.5661

■ 122.2580, 49.1728,
1.5277

■ 37.5670, 90.9255,
3.0107

■ 141.1410, 39.8635,
0.7533

■ 159.7360, 30.6962,
1.1085

■ 178.0320, 21.6762,
0.8489

■ 196.3280, 12.6563,
0.5893

■ 214.6240, 3.6364,
0.3298

■ 233.5070, -5.6730,
-0.4446

■ 250.0420,
-13.8247, 0.8402

Harmonies

Analogous

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



87.4280, 81.1340, -76.6744



85.6660, 67.2127, 2.0469



74.2240, 41.3016, 99.7816

Triad

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



85.6660, 67.2127, 2.0469



81.2990, -40.0804, 69.0208



81.1220, 11.2789, -71.1440

Complementary

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



85.6660, 67.2127, 2.0469



194.3340, -67.2127, -2.0469

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.



68.4170, -29.7856, -60.0017



85.6660, 67.2127, 2.0469



84.1920, -41.5067, 12.9866

Square

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



85.6660, 67.2127, 2.0469



60.6970, -29.9236, 124.7997



63.9830, -31.5436, -56.1131



90.6010, 45.0597, -79.4571

Rectangle

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



85.6660, 67.2127, 2.0469



75.8850, 15.3397, 120.2499



63.9830, -31.5436, -56.1131



77.3430, -0.6621, -67.8298

Sweetspot

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



85.6660, 67.2127, 2.0469



208.3740, 22.9866, 0.5490



157.1150, 31.9883, -86.9239



99.6700, 13.9667, 0.2894



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.



85.6660, 67.2127, 2.0469



66.4360, 92.9621, 3.1256



109.2870, 55.5675, 50.6143



102.8520, 4.5100, 0.1298



29.6320, 72.1594, 2.0767



8.1630, 19.6396, 0.7340

Inverse Universe

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



122.3120, 34.3562, 87.4264



116.9630, 47.3462, 121.0584



170.7130, -55.5675, -50.6143



105.3150, 2.3097, 5.8627



69.0400, 36.9553, 93.8039



18.9120, 10.3964, 25.5102

Previews

White Background



This preview shows how the YUV color 85.6660, 67.2127, 2.0469 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 85.6660, 67.2127, 2.0469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

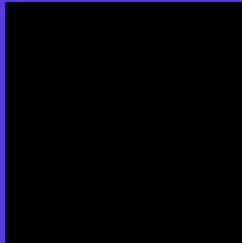
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.6660, 67.2127, 2.0469

Background



This preview shows how black text looks on a background with the YUV color 85.6660, 67.2127, 2.0469.



This preview shows how white text looks on a background with the YUV color 85.6660, 67.2127,

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

85.6660, 67.2127, 2.0469

Protanopia

72.0450, 55.1938, -63.1835

Deuteranopia

72.4890, 41.6639, -63.5729



Tritanopia

79.8790, 13.3707, -41.9899

Trichromacy



Original Color

85.6660, 67.2127, 2.0469

Protanomaly

76.7520, 59.7753, -39.2475

Deuteranomaly

77.1620, 51.1921, -39.6071

Tritanomaly

81.8420, 33.1089, -26.1714

Monochromacy



Original Color

85.6660, 67.2127, 2.0469

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0150, 24.1496, 0.8638

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6660, 67.2127, 2.0469 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(88, 58, 222)` looks like.

```
.text, #text, p{  
    color:rgb(88, 58, 222)  
}
```

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(88, 58, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 58, 222) }
```

Border

The CSS property to change the border of an element to YUV 85.6660, 67.2127, 2.0469 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(88, 58, 222) }
```


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

```
.border{ border-color:rgb(88, 58, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 58, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 58, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 58, 222);  
box-shadow:4px 4px 4px 4px rgb(88, 58,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 85.6660, 67.2127, 2.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 58, 222) }
```

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

```
.background{ background-color: rgb(88, 58,  
222) }
```

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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