

Converting Colors

YUV(116.4400, -3.6679,
56.6191)

Have a look what the booklet for
YUV(116.4400, -3.6679, 56.6191)
contains.

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Color

**YUV(116.4400, -3.6679,
56.6191)**

Conversions

Conversions Part 1

Format	Color
Hex	B5556D
RGB	181, 85, 109
RGB Percent	71%, 33%, 43%
CMY	0.2902, 0.6667, 0.5725
CMYK	0.00, 0.53, 0.40, 0.29
HSL	345°, 39%, 52%
HSV	345°, 53%, 71%
XYZ	25.0649, 17.4249, 16.5103
YIQ	116.4400, 49.5120, 27.8160

Conversions

Conversions Part 2

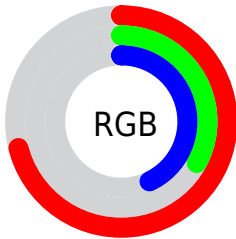
Format	Color
R _Y B	181, 85, 109
Decimal	11883885
CIE Lab	48.79, 41.36, 5.06
CIE LCh	49, 41.673, 6.972
Yxy	17.4249, 0.4248, 0.2953
Android (android.graphics.Color)	4290073965 (0xFFB5556D)
YUV	116.4400, -3.6679, 56.6191
Hunter-Lab	41.7431, 34.1308, 5.7698

Details

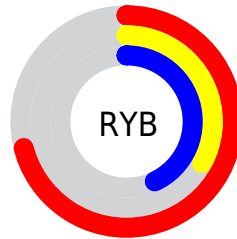
The YUV color **116.4400, -3.6679, 56.6191** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **149.5600, 3.6679, -56.6191**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0060, -5.4260, 60.5077**, and **63.8140, -0.8943, 53.6601** is the 20% darker color. If you saturate the color by 10%, you get **104.2780, -4.5741, 67.2852**, and if you desaturate by 10%, it is **128.6020, -2.7618, 45.9530**.

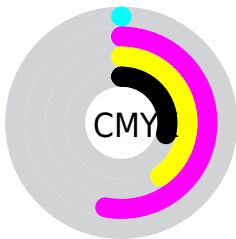
Distribution



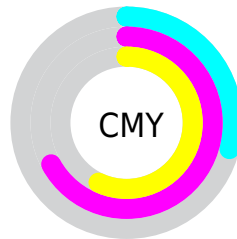
- Red (71%)
- Green (33%)
- Blue (43%)



- Red (71%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (53%)
- Yellow (40%)
- Black (29%)



- Cyan (29%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4400, -3.6679, 56.6191 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 116.4400, -3.6679, 56.6191 by changing the saturation by 10% instead.

■ 116.4400, -3.6679,
56.6191

■ 116.4400, -3.6679,
56.6191

■ 255.0000, 0.0000,
0.0000

■ 89.7710, -2.3521,
54.5748

■ 171.0060, -5.4260,
60.5077

■ 63.8140, -0.8943,
53.6601

■ 194.4180, -3.6571,
53.1304

■ 33.5630, 3.1734,
55.6342

■ 214.0460, 0.4703,
35.9167

■ 23.2100, -1.5825,
41.0348

■ 233.6740, 4.5977,
18.7029

■ 14.2810, -6.0545,
28.6946

■ 252.0650, 1.4470,
2.5740

■ 0.0000, 0.0000,
0.0000

■ 116.4400, -3.6679,
56.6191

■ 116.4400, -3.6679,
56.6191

■ 104.2780, -4.5741,
67.2852

■ 128.6020, -2.7618,
45.9530

■ 92.2300, -5.0434,
77.8513

■ 140.6500, -2.2925,
35.3869

■ 80.0680, -5.9495,
88.5174

■ 152.8120, -1.3863,
24.7209

■ 68.0200, -6.4189,
99.0835

■ 164.8600, -0.9170,
14.1548

■ 59.2490, -7.0248,
106.7756

■ 177.6090, -0.3002,
2.9739

■ 189.6570, 0.1691,
-7.5922

■ 201.8190, 1.0752,
-18.2583

■ 213.9810, 1.9814,

-28.9243

■ 226.0290, 2.4507,
-39.4904

Harmonies

Analogous

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



118.8800, 12.3842, 41.3242



116.4400, -3.6679, 56.6191



114.8900, -19.6658, 54.4705

Triad

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



116.4400, -3.6679, 56.6191



107.6690, -24.9798, -14.6187



95.0690, 41.8710, -83.3755

Complementary

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



116.4400, -3.6679, 56.6191



149.5600, 3.6679, -56.6191

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.



95.3820, 30.3777, -83.6500



116.4400, -3.6679, 56.6191



97.5790, -5.2154, -54.0048

Square

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



116.4400, -3.6679, 56.6191



111.7390, -34.3813, 14.2609



92.6800, 14.9478, -81.2804



109.6170, 37.6568, -38.2521

Rectangle

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



116.4400, -3.6679, 56.6191



114.8320, -28.5112, 44.8743



92.6800, 14.9478, -81.2804



95.5590, 38.6714, -83.8052

Sweetspot

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



116.4400, -3.6679, 56.6191



209.3880, -1.6703, 22.4617



117.4720, 31.3193, 34.6661



102.2620, -0.6222, 12.9252



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



116.4400, -3.6679, 56.6191



133.4810, -5.6601, 89.0322



127.7920, -21.0965, 46.6634



83.0330, -0.0163, 5.2331



50.0790, -5.9549, 90.2617



8.4580, -1.2118, 15.3843

Inverse Universe

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



116.4400, -3.6679, 56.6191



133.4810, -5.6601, 89.0322



138.2080, 21.0965, -46.6634



83.0330, -0.0163, 5.2331



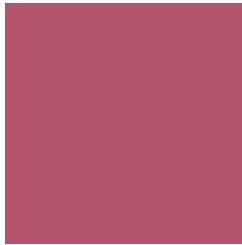
50.0790, -5.9549, 90.2617



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 116.4400, -3.6679, 56.6191 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 116.4400, -3.6679, 56.6191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

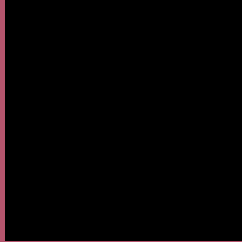
Any Text WCAG AA × Fail

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 116.4400, -3.6679, 56.6191 Background



This preview shows how black text looks on a background with the YUV color 116.4400, -3.6679, 56.6191.



This preview shows how white text looks on a background with the YUV color 116.4400, -3.6679,

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

116.4400, -3.6679, 56.6191

Protanopia

117.1400, 4.3680, -0.9998

Deuteranopia

117.1820, -6.0057, 12.9954



Tritanopia

116.1920, -10.9407, 55.9596

Trichromacy



Original Color

116.4400, -3.6679, 56.6191

Protanomaly

117.1750, 1.3927, 20.0175

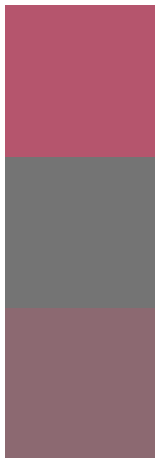
Deuteranomaly

116.8080, -5.3283, 29.1094

Tritanomaly

116.1750, -8.4673, 55.9745

Monochromacy



Original Color

116.4400, -3.6679, 56.6191

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.3770, -1.6649, 20.7174

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4400, -3.6679, 56.6191 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(181, 85, 109)` looks like.

```
.text, #text, p{  
    color:rgb(181, 85, 109)  
}
```

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(181, 85, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 85, 109) }
```

Border

The CSS property to change the border of an element to YUV 116.4400, -3.6679, 56.6191 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(181, 85, 109) }
```


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

```
.border{ border-color:rgb(181, 85, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 85, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 85, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 85, 109);  
box-shadow:4px 4px 4px 4px rgb(181, 85,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 116.4400, -3.6679, 56.6191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 85, 109) }
```

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

```
.background{ background-color: rgb(181, 85,  
109) }
```

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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