

Converting Colors

YUV(116.5680, 28.8070, 0.3789)

Have a look what the booklet for
YUV(116.5680, 28.8070, 0.3789)
contains.

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Color

**YUV(116.5680, 28.8070,
0.3789)**

Conversions

Conversions Part 1

Format	Color
Hex	7569AF
RGB	117, 105, 175
RGB Percent	46%, 41%, 69%
CMY	0.5412, 0.5882, 0.3137
CMYK	0.33, 0.40, 0.00, 0.31
HSL	250°, 30%, 55%
HSV	250°, 40%, 69%
XYZ	20.1256, 16.9802, 42.7742
YIQ	116.5680, -15.3180, 24.3140

Conversions

Conversions Part 2

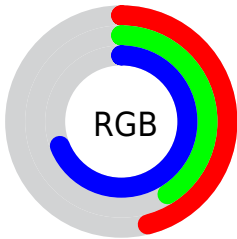
Format	Color
R_{YB}	117, 105, 175
Decimal	7694767
CIE _{Lab}	48.24, 21.14, -35.73
CIE _{LCh}	48, 41.514, 300.614
Yxy	16.9802, 0.2519, 0.2126
Android (android.graphics.Color)	4285884847 (0xFF7569AF)
YUV	116.5680, 28.8070, 0.3789
Hunter-Lab	41.2070, 15.0672, -32.7000

Details

The YUV color **116.5680, 28.8070, 0.3789** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **163.4320, -28.8070, -0.3789**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0350, 30.5487, 1.7233**, and **67.3890, 26.9232, -2.0952** is the 20% darker color. If you saturate the color by 10%, you get **102.4030, 35.7903, 0.5236**, and if you desaturate by 10%, it is **131.0320, 21.6762, 0.8489**.

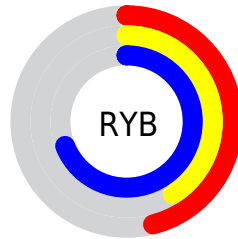
Distribution



Red (46%)

Green (41%)

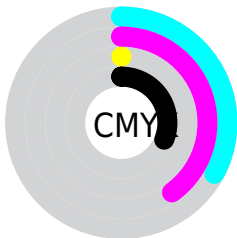
Blue (69%)



Red (46%)

Yellow (41%)

Blue (69%)

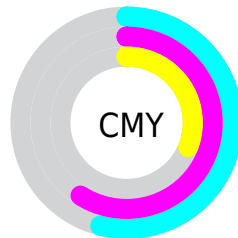


Cyan (33%)

Magenta (40%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (59%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5680, 28.8070, 0.3789 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 116.5680, 28.8070, 0.3789 by changing the saturation by 10% instead.

■ 116.5680, 28.8070,
0.3789

■ 116.5680, 28.8070,
0.3789

■ 255.0000, 0.0000,
0.0000

■ 91.6280, 27.7914,
-0.5508

■ 169.0350, 30.5487,
1.7233

■ 67.3890, 26.9232,
-2.0952

■ 195.9920, 29.0909,
2.6380

■ 44.1500, 26.0551,
-3.6395

■ 220.8000, 16.8606,
5.4374

■ 21.0030, 25.6345,
-8.7726

■ 245.6080, 4.6303,
8.2368

■ 5.7000, 21.8399,
-4.9989

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,

0.0000

■ 116.5680, 28.8070,
0.3789

■ 116.5680, 28.8070,
0.3789

■ 102.4030, 35.7903,
0.5236

■ 131.0320, 21.6762,
0.8489

■ 87.3520, 43.2105,
0.5683

■ 145.7840, 14.4035,
0.1894

■ 73.1870, 50.1938,
0.7130

■ 160.8350, 6.9833,
0.1447

■ 58.1360, 57.6140,
0.7577

■ 175.0000, 0.0000,
0.0000

■ 43.3840, 64.8867,
1.4172

■ 189.7520, -7.2727,
-0.6595

■ 28.9200, 72.0174,
0.9472

■ 204.2160,
-14.4035, -0.1894

■ 219.2670,
-21.8236, -0.2342

■ 233.4320,
-28.8070, -0.3789

■ 243.4880,
-33.7646, 3.0800

Harmonies

Analogous

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



103.3980, 39.7368, -52.0920



116.5680, 28.8070, 0.3789



117.6450, 15.4580, 35.3913

Triad

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



116.5680, 28.8070, 0.3789



112.8810, -29.5213, 42.2004



90.4800, 11.5954, -79.3510

Complementary

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



116.5680, 28.8070, 0.3789



163.4320, -28.8070, -0.3789

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.



99.9780, -10.3422, -42.9537



116.5680, 28.8070, 0.3789



111.0710, -34.5450, 20.1087

Square

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



116.5680, 28.8070, 0.3789



114.1120, -16.3242, 56.0298



107.3170, -27.7643, -8.1710



93.8830, 27.1727, -82.3354

Rectangle

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



116.5680, 28.8070, 0.3789



116.1000, 5.3737, 49.9013



107.3170, -27.7643, -8.1710



88.5250, 6.6432, -77.6364

Sweetspot

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



116.5680, 28.8070, 0.3789



204.2740, 11.2039, -0.2403



147.0260, 13.7912, -36.8568



101.4220, 6.6940, -0.3701



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



116.5680, 28.8070, 0.3789



136.1070, 44.8102, 0.7832



127.0330, 23.6477, 21.8961



79.6240, 3.6364, 0.3298



24.8740, 61.6871, 0.9875



3.8180, 9.4567, 0.1596

Inverse Universe

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



132.5420, 15.0158, 37.2357



160.8510, 23.2445, 58.0127



152.9670, -23.6477, -21.8961



81.4890, 1.7309, 4.8331



59.1000, 32.4887, 79.7193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 116.5680, 28.8070, 0.3789 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 116.5680, 28.8070, 0.3789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

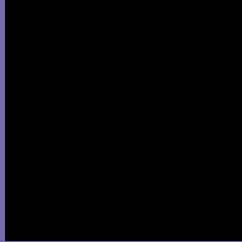
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.5680, 28.8070, 0.3789

Background



This preview shows how black text looks on a background with the YUV color 116.5680, 28.8070, 0.3789.



This preview shows how white text looks on a background with the YUV color 116.5680, 28.8070,

0.3789.

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

116.5680, 28.8070, 0.3789

Protanopia

112.6900, 33.6768, -21.6531

Deuteranopia

112.6530, 29.7511, -22.4977



Tritanopia

114.0360, 5.4053, -7.0476

Trichromacy



Original Color

116.5680, 28.8070, 0.3789

Protanomaly

113.9900, 32.0499, -13.1462

Deuteranomaly

114.2950, 29.4346, -14.2907

Tritanomaly

114.9360, 13.8356, -4.3289

Monochromacy



Original Color

116.5680, 28.8070, 0.3789

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0460, 10.3303, -0.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5680, 28.8070, 0.3789 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(117, 105, 175)` looks like.

```
.text, #text, p{  
    color:rgb(117, 105, 175)  
}
```

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(117, 105, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 105, 175) }
```

Border

The CSS property to change the border of an element to YUV 116.5680, 28.8070, 0.3789 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(117, 105, 175) }
```


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

```
.border{ border-color:rgb(117, 105, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 105, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 105, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 105, 175);  
box-shadow:4px 4px 4px 4px rgb(117, 105,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 116.5680, 28.8070, 0.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 105, 175) }
```

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

```
.background{ background-color: rgb(117,  
105, 175) }
```

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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