

Converting Colors

YUV(116.0200, 43.3741,
-5.2795)

Have a look what the booklet for
YUV(116.0200, 43.3741, -5.2795)
contains.

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Color

**YUV(116.0200, 43.3741,
-5.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	6E66CC
RGB	110, 102, 204
RGB Percent	43%, 40%, 80%
CMY	0.5686, 0.6000, 0.2000
CMYK	0.46, 0.50, 0.00, 0.20
HSL	245°, 50%, 60%
HSV	245°, 50%, 80%
XYZ	22.0809, 17.1774, 59.2785
YIQ	116.0200, -27.9740, 33.4180

Conversions

Conversions Part 2

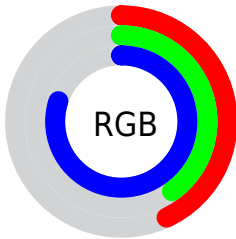
Format	Color
R _Y B	110, 102, 204
Decimal	7235276
CIE Lab	48.48, 29.43, -52.13
CIE LCh	48, 59.864, 299.444
Yxy	17.1774, 0.2241, 0.1743
Android (android.graphics.Color)	4285425356 (0xFF6E66CC)
YUV	116.0200, 43.3741, -5.2795
Hunter-Lab	41.4456, 22.5692, -55.7890

Details

The YUV color **116.0200, 43.3741, -5.2795** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **189.9800, -43.3741, 5.2795**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5150, 42.6371, -2.2057**, and **64.8190, 41.5012, -11.2423** is the 20% darker color. If you saturate the color by 10%, you get **98.5990, 51.9627, -6.6643**, and if you desaturate by 10%, it is **133.4410, 34.7856, -3.8948**.

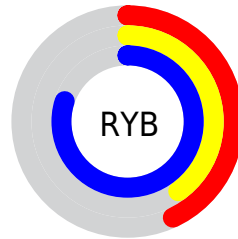
Distribution



Red (43%)

Green (40%)

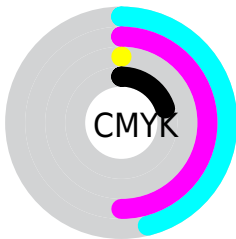
Blue (80%)



Red (43%)

Yellow (40%)

Blue (80%)

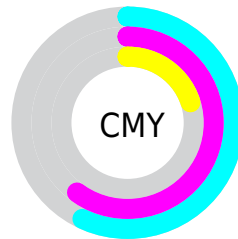


Cyan (46%)

Magenta (50%)

Yellow (0%)

Black (20%)



Cyan (57%)

Magenta (60%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0200, 43.3741, -5.2795 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 116.0200, 43.3741, -5.2795 by changing the saturation by 10% instead.

■ 116.0200, 43.3741,
-5.2795

■ 116.0200, 43.3741,
-5.2795

255.0000, 0.0000,
0.0000

■ 90.3680, 42.2166,
-7.3387

■ 168.5150, 42.6371,
-2.2057

■ 64.8190, 41.5012,
-11.2423

■ 193.0350, 30.5487,
1.7233

■ 37.5790, 42.1126,
-20.6788

■ 218.1420, 18.1710,
5.1375

■ 19.2760, 38.3179,
-16.9051

■ 243.5480, 5.6458,
9.1664

■ 8.3220, 31.8863,
-7.2984

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 116.0200, 43.3741,
-5.2795

■ 116.0200, 43.3741,
-5.2795

■ 98.5990, 51.9627,
-6.6643

■ 133.4410, 34.7856,
-3.8948

■ 80.5910, 60.8406,
-7.5343

■ 151.4490, 25.9076,
-3.0248

■ 63.4690, 69.2818,
-8.3043

■ 168.5710, 17.4665,
-2.2548

■ 45.4610, 78.1597,
-9.1743

■ 186.5790, 8.5886,
-1.3848

■ 28.0400, 86.7483,
-10.5591

■ 204.0000, 0.0000,
0.0000

■ 221.4210, -8.5886,
1.3848

■ 239.4290,
-17.4665, 2.2548

■ 249.1860,
-22.2767, 5.0989

Harmonies

Analogous

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



96.3520, 59.4795, -84.5007



116.0200, 43.3741, -5.2795



116.2630, 25.0133, 50.6353

Triad

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



116.0200, 43.3741, -5.2795



109.7340, -43.2529, 59.8693



93.8880, 9.4222, -82.3398

Complementary

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



116.0200, 43.3741, -5.2795



189.9800, -43.3741, 5.2795

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.



85.4980, -12.5705, -74.9817



116.0200, 43.3741, -5.2795



107.8920, -53.1908, 27.2817

Square

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



116.0200, 43.3741, -5.2795



108.4680, -19.4577, 81.1506



101.0290, -47.8353, -10.5494



99.7020, 31.6989, -87.4387

Rectangle

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



116.0200, 43.3741, -5.2795



111.5620, 11.5549, 74.0521



101.0290, -47.8353, -10.5494



91.2490, 1.8492, -80.0254

Sweetspot

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



116.0200, 43.3741, -5.2795



222.2290, 16.1561, -1.9548



169.3930, 17.0613, -59.1037



107.9210, 9.8989, -1.6847



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.



116.0200, 43.3741, -5.2795



123.0300, 65.0612, -7.9193



130.9700, 36.0038, 25.4593



93.4390, 4.2206, -0.3850



22.8110, 70.5922, -8.6042



5.2290, 16.1561, -1.9548

Inverse Universe

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



143.2140, 26.0235, 53.3093



163.8210, 39.0352, 79.9640



175.0300, -36.0038, -25.4593



96.0160, 2.4571, 5.2480



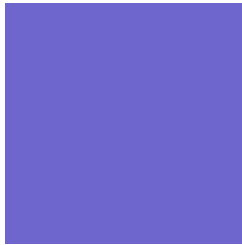
67.0760, 42.3605, 86.7563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 116.0200, 43.3741, -5.2795 looks on a white background.

Color Contrast Check

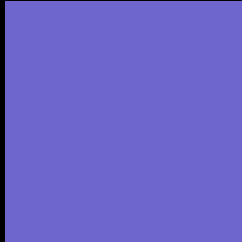
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.0200, 43.3741, -5.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

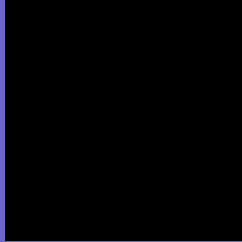
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.0200, 43.3741, -5.2795

Background



This preview shows how black text looks on a background with the YUV color 116.0200, 43.3741, -5.2795.



This preview shows how white text looks on a background with the YUV color 116.0200, 43.3741, -5.2795.

-5.2795.

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

116.0200, 43.3741, -5.2795

Protanopia

108.6780, 51.9237, -40.9366

Deuteranopia

104.1620, 47.7411, -52.7621



Tritanopia

112.1700, 8.7902, -19.4431

Trichromacy



Original Color

116.0200, 43.3741, -5.2795

Protanomaly

110.9570, 48.8282, -28.0263

Deuteranomaly

108.5170, 46.0871, -35.5334

Tritanomaly

113.2320, 21.5776, -14.2355

Monochromacy



Original Color

116.0200, 43.3741, -5.2795

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1150, 15.7193, -1.8549

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0200, 43.3741, -5.2795 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(110, 102, 204)` looks like.

```
.text, #text, p{  
    color:rgb(110, 102, 204)  
}
```

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(110, 102, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 102, 204) }
```

Border

The CSS property to change the border of an element to YUV 116.0200, 43.3741, -5.2795 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(110, 102, 204) }
```


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

```
.border{ border-color:rgb(110, 102, 204) }
```

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

Here you see how a box with a 4 pixel rgb(110, 102, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 102, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 102, 204);  
box-shadow:4px 4px 4px 4px rgb(110, 102,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 116.0200, 43.3741, -5.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 102, 204) }
```

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

```
.background{ background-color: rgb(110,  
102, 204) }
```

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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