

Converting Colors

YUV(117.6820, 46.0058,
-9.3681)

Have a look what the booklet for
YUV(117.6820, 46.0058, -9.3681)
contains.

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Color

**YUV(117.6820, 46.0058,
-9.3681)**

Conversions

Conversions Part 1

Format	Color
Hex	6B69D3
RGB	107, 105, 211
RGB Percent	42%, 41%, 83%
CMY	0.5804, 0.5882, 0.1725
CMYK	0.49, 0.50, 0.00, 0.17
HSL	241°, 55%, 62%
HSV	241°, 50%, 83%
XYZ	22.8729, 17.9321, 63.8837
YIQ	117.6820, -32.8340, 33.3900

Conversions

Conversions Part 2

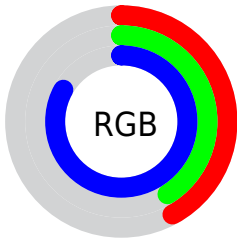
Format	Color
R _Y B	107, 105, 211
Decimal	7039443
CIE Lab	49.41, 29.05, -54.65
CIE LCh	49, 61.890, 297.991
Yxy	17.9321, 0.2185, 0.1713
Android (android.graphics.Color)	4285229523 (0xFF6B69D3)
YUV	117.6820, 46.0058, -9.3681
Hunter-Lab	42.3463, 22.3086, -59.8026

Details

The YUV color **117.6820, 46.0058, -9.3681** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **198.3180, -46.0058, 9.3681**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6780, 42.0637, -4.9796**, and **65.8830, 44.4277, -16.5604** is the 20% darker color. If you saturate the color by 10%, you get **99.0760, 55.1785, -11.4677**, and if you desaturate by 10%, it is **136.2880, 36.8330, -7.2686**.

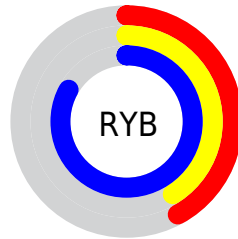
Distribution



Red (42%)

Green (41%)

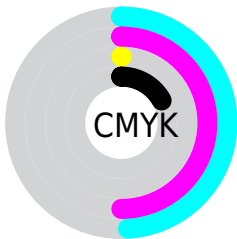
Blue (83%)



Red (42%)

Yellow (41%)

Blue (83%)

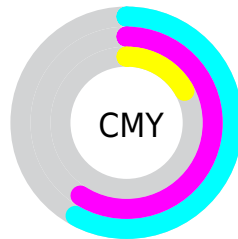


Cyan (49%)

Magenta (50%)

Yellow (0%)

Black (17%)



Cyan (58%)

Magenta (59%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.6820, 46.0058, -9.3681 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 117.6820, 46.0058, -9.3681 by changing the saturation by 10% instead.

■ 117.6820, 46.0058,
-9.3681

■ 117.6820, 46.0058,
-9.3681

255.0000, 0.0000,
0.0000

■ 91.7310, 44.9956,
-12.0421

■ 169.6780, 42.0637,
-4.9796

■ 65.8830, 44.4277,
-16.5604

■ 194.1980, 29.9754,
-1.0506

■ 35.8380, 45.9289,
-31.4299

■ 219.3050, 17.5976,
2.3635

■ 21.7210, 40.0705,
-19.0493

■ 244.7110, 5.0725,
6.3925

■ 9.0060, 34.5070,
-7.8983

■ 9.2050, 22.5769,
-8.0728

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 117.6820, 46.0058,
-9.3681

■ 117.6820, 46.0058,
-9.3681

■ 99.0760, 55.1785,
-11.4677

■ 136.2880, 36.8330,
-7.2686

■ 80.7690, 64.2039,
-12.9524

■ 154.5950, 27.8077,
-5.7838

■ 62.1630, 73.3766,
-15.0520

■ 173.2010, 18.6349,
-3.6843

■ 43.5570, 82.5494,
-17.1515

■ 191.8070, 9.4621,
-1.5847

■ 25.2500, 91.5747,
-18.6363

■ 211.0000, 0.0000,
0.0000

■ 229.3070, -9.0254,
1.4848

■ 247.9130,
-18.1981, 3.5843

■ 249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



98.7970, 61.2321, -86.6450



117.6820, 46.0058, -9.3681



118.8330, 27.1973, 50.1355

Triad

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



117.6820, 46.0058, -9.3681



111.5280, -44.1373, 63.5579



95.5350, 8.1172, -83.7842

Complementary

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



117.6820, 46.0058, -9.3681



198.3180, -46.0058, 9.3681

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.



87.0310, -14.3123, -76.3262



117.6820, 46.0058, -9.3681



109.9740, -54.2172, 29.8408

Square

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



117.6820, 46.0058, -9.3681



110.6040, -19.0318, 84.5393



103.5300, -51.0403, -9.2348



101.6910, 31.7043, -89.1830

Rectangle

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



117.6820, 46.0058, -9.3681



113.4420, 13.5861, 75.9114



103.5300, -51.0403, -9.2348



92.8960, 0.5443, -81.4698

Sweetspot

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



117.6820, 46.0058, -9.3681



221.3320, 16.5983, -3.7992



178.1320, 16.2039, -64.1368



107.6220, 10.0464, -2.2995



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.



117.6820, 46.0058, -9.3681



120.3390, 66.3879, -13.4523



133.5290, 38.1932, 23.2151



95.2540, 4.8048, -1.0998



20.0490, 72.9398, -14.9520



4.9730, 17.7613, -3.4843

Inverse Universe

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



148.5500, 29.8019, 54.7687



164.8470, 42.9664, 79.0642



182.4710, -38.1932, -23.2151



98.4290, 2.7465, 5.7628



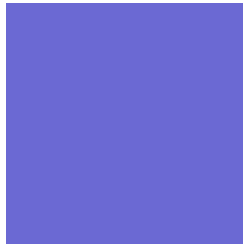
69.0420, 47.3073, 86.7862



16.8190, 11.4282, 21.2067

Previews

White Background



This preview shows how the YUV color 117.6820, 46.0058, -9.3681 looks on a white background.

Color Contrast Check

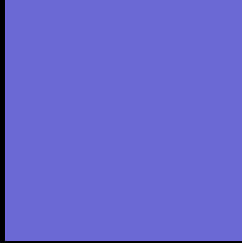
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.6820, 46.0058, -9.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

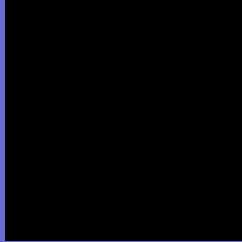
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.6820, 46.0058, -9.3681

Background



This preview shows how black text looks on a background with the YUV color 117.6820, 46.0058, -9.3681.



This preview shows how white text looks on a background with the YUV color 117.6820, 46.0058, -9.3681.

-9.3681.

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

117.6820, 46.0058, -9.3681

Protanopia

109.9380, 54.2606, -43.7956

Deuteranopia

103.7310, 51.4046, -61.1541



Tritanopia

113.1800, 10.2643, -25.5909

Trichromacy



Original Color

117.6820, 46.0058, -9.3681

Protanomaly

112.9180, 51.3124, -31.5001

Deuteranomaly

108.9830, 49.3084, -42.0811

Tritanomaly

114.6550, 23.3411, -19.8684

Monochromacy



Original Color

117.6820, 46.0058, -9.3681

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7450, 16.8877, -3.2844

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6820, 46.0058, -9.3681 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(107, 105, 211)` looks like.

```
.text, #text, p{  
    color:rgb(107, 105, 211)  
}
```

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(107, 105, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 105, 211) }
```

Border

The CSS property to change the border of an element to YUV 117.6820, 46.0058, -9.3681 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(107, 105, 211) }
```


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

```
.border{ border-color:rgb(107, 105, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 105, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 105, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 105, 211);  
box-shadow:4px 4px 4px 4px rgb(107, 105,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 117.6820, 46.0058, -9.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 105, 211) }
```

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

```
.background{ background-color: rgb(107,  
105, 211) }
```

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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