

Converting Colors

YUV(101.9420, 11.3676,
-6.0881)

Have a look what the booklet for
YUV(101.9420, 11.3676, -6.0881)
contains.

YUV(101.9420, 11.3676, -6.0881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(101.9420, 11.3676,
-6.0881)**

Conversions

Conversions Part 1

Format	Color
Hex	5F657D
RGB	95, 101, 125
RGB Percent	37%, 40%, 49%
CMY	0.6275, 0.6039, 0.5098
CMYK	0.24, 0.19, 0.00, 0.51
HSL	228°, 14%, 43%
HSV	228°, 24%, 49%
XYZ	13.0747, 13.2209, 21.2648
YIQ	101.9420, -11.2800, 6.1920

Conversions

Conversions Part 2

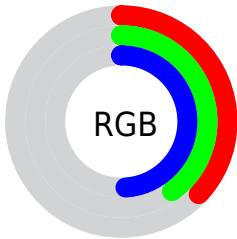
Format	Color
R_{YB}	95, 100, 125
Decimal	6251901
CIE _{Lab}	43.09, 3.39, -14.15
CIE _{LCh}	43, 14.551, 283.476
Yxy	13.2209, 0.2749, 0.2780
Android (android.graphics.Color)	4284441981 (0xFF5F657D)
YUV	101.9420, 11.3676, -6.0881
Hunter-Lab	36.3606, 0.5546, -9.2223

Details

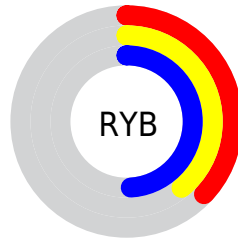
The YUV color **101.9420, 11.3676, -6.0881** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.0580, -11.3676, 6.0881**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.1700, 12.2412, -6.2881**, and **54.7140, 10.4940, -5.8882** is the 20% darker color. If you saturate the color by 10%, you get **92.1850, 16.1778, -8.9322**, and if you desaturate by 10%, it is **111.6990, 6.5574, -3.2440**.

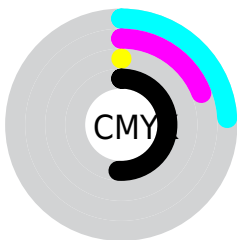
Distribution



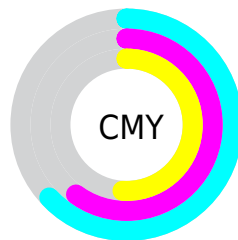
- Red (37%)
- Green (40%)
- Blue (49%)



- Red (37%)
- Yellow (39%)
- Blue (49%)



- Cyan (24%)
- Magenta (19%)
- Yellow (0%)
- Black (51%)



- Cyan (63%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.9420, 11.3676, -6.0881 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 101.9420, 11.3676, -6.0881 by changing the saturation by 10% instead.

■ 101.9420, 11.3676,
-6.0881

■ 101.9420, 11.3676,
-6.0881

■ 255.0000, 0.0000,
0.0000

■ 77.8280, 10.9308,
-5.9882

■ 153.1700, 12.2412,
-6.2881

■ 54.7140, 10.4940,
-5.8882

■ 180.1700, 12.2412,
-6.2881

■ 33.1870, 9.7678,
-6.3030

■ 207.2840, 12.6780,
-6.3881

■ 10.4150, 10.6414,
-6.5030

■ 234.6000, 10.0572,
-5.7882

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 101.9420, 11.3676,
-6.0881

■ 101.9420, 11.3676,
-6.0881

■ 92.1850, 16.1778,
-8.9322

■ 111.6990, 6.5574,
-3.2440

■ 82.7270, 20.8406,
-11.1616

■ 121.1570, 1.8946,
-1.0147

■ 72.9700, 25.6508,
-14.0057

■ 130.9140, -2.9156,
1.8294

■ 63.5120, 30.3136,
-16.2350

■ 140.3720, -7.5784,
4.0588

■ 54.0540, 34.9764,
-18.4644

■ 150.1290,
-12.3886, 6.9029

■ 44.2970, 39.7866,
-21.3085

■ 159.5870,
-17.0514, 9.1322

■ 34.8390, 44.4494,
-23.5378


■ 169.0450,
-21.7142, 11.3615

■ 28.9250, 47.3650,

■ 178.8020,

-25.3672

-26.5244, 14.2056

 188.5590,
-31.3346, 17.0498

Harmonies

Analogous

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



99.3920, 12.1317, -17.8838



101.9420, 11.3676, -6.0881



103.3950, 7.6933, 5.7926

Triad

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



101.9420, 11.3676, -6.0881



102.9440, -8.3534, 19.3431



97.8470, -1.4036, -16.5288

Complementary

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



101.9420, 11.3676, -6.0881



118.0580, -11.3676, 6.0881

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.



99.3060, -7.5459, -6.4074



101.9420, 11.3676, -6.0881



102.1020, -11.3893, 13.0655

Square

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



101.9420, 11.3676, -6.0881



103.6220, -3.2646, 20.5025



100.7480, -11.2148, 3.7290



97.1110, 4.8753, -23.7763

Rectangle

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



101.9420, 11.3676, -6.0881



104.2280, 4.3246, 12.9550



100.7480, -11.2148, 3.7290



98.5870, -3.7404, -13.6698

Sweetspot

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



101.9420, 11.3676, -6.0881



154.4280, 4.2260, -2.1294



115.3460, 1.8014, -17.8434



76.3850, 2.7682, -1.2146



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



101.9420, 11.3676, -6.0881



126.6410, 17.9250, -9.3322



101.1110, 11.7773, 2.5337



58.9720, 2.4788, -1.7294



29.2670, 48.6754, -25.6672



0.0000, 0.0000, 0.0000

Inverse Universe

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



104.6540, -1.8014, 17.8434



131.0790, -2.9969, 27.9947



118.8890, -11.7773, -2.5337



59.3210, -0.1583, 4.1035



41.2360, -7.5113, 76.0920



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 101.9420, 11.3676, -6.0881 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 101.9420, 11.3676, -6.0881 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

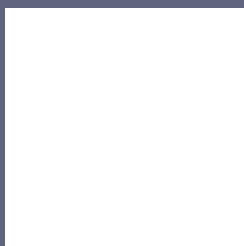
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.9420, 11.3676, -6.0881

Background



This preview shows how black text looks on a background with the YUV color 101.9420, 11.3676, -6.0881.



This preview shows how white text looks on a background with the YUV color 101.9420, 11.3676, -6.0881.

-6.0881.

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

101.9420, 11.3676, -6.0881

Protanopia

102.2410, 11.2202, -5.4734

Deuteranopia

102.8500, 10.9200, -2.4994



Tritanopia

100.7370, 5.5527, -7.6623

Trichromacy



Original Color

101.9420, 11.3676, -6.0881

Protanomaly

102.2410, 11.2202, -5.4734

Deuteranomaly

102.2520, 11.2148, -3.7290

Tritanomaly

101.0190, 7.8786, -7.0327

Monochromacy



Original Color

101.9420, 11.3676, -6.0881

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.0150, 3.9366, -2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.9420, 11.3676, -6.0881 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(95, 101, 125)` looks like.

```
.text, #text, p{  
    color:rgb(95, 101, 125)  
}
```

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(95, 101, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 101, 125) }
```

Border

The CSS property to change the border of an element to YUV 101.9420, 11.3676, -6.0881 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(95, 101, 125) }
```


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

```
.border{ border-color:rgb(95, 101, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 101, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 101, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 101, 125);  
box-shadow:4px 4px 4px 4px rgb(95, 101,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 101.9420, 11.3676, -6.0881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 101, 125) }
```

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

```
.background{ background-color: rgb(95, 101,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor