

Converting Colors

YUV(96.3750, 18.0561, -4.7139)

Have a look what the booklet for
YUV(96.3750, 18.0561, -4.7139)
contains.

YUV(96.3750, 18.0561, -4.7139)	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(96.3750, 18.0561,
-4.7139)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5C85
RGB	91, 92, 133
RGB Percent	36%, 36%, 52%
CMY	0.6431, 0.6392, 0.4784
CMYK	0.32, 0.31, 0.00, 0.48
HSL	239°, 19%, 44%
HSV	239°, 32%, 52%
XYZ	12.3752, 11.5719, 23.7717
YIQ	96.3750, -13.7570, 12.5390

Conversions

Conversions Part 2

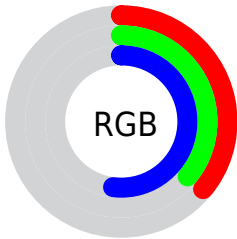
Format	Color
R_{YB}	91, 92, 133
Decimal	5987461
CIE _{Lab}	40.53, 9.77, -22.97
CIE _{LCh}	41, 24.958, 293.038
Yxy	11.5719, 0.2593, 0.2425
Android (android.graphics.Color)	4284177541 (0xFF5B5C85)
YUV	96.3750, 18.0561, -4.7139
Hunter-Lab	34.0175, 5.4056, -17.6200

Details

The YUV color **96.3750, 18.0561, -4.7139** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **127.6250, -18.0561, 4.7139**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0160, 19.2191, -4.3990**, and **49.3210, 16.6037, -5.5435** is the 20% darker color. If you saturate the color by 10%, you get **84.8570, 23.7345, -6.0136**, and if you desaturate by 10%, it is **107.8930, 12.3778, -3.4142**.

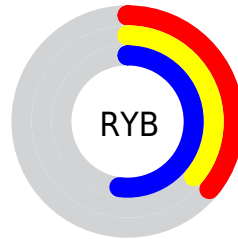
Distribution



Red (36%)

Green (36%)

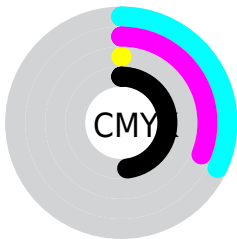
Blue (52%)



Red (36%)

Yellow (36%)

Blue (52%)

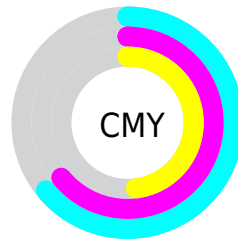


Cyan (32%)

Magenta (31%)

Yellow (0%)

Black (48%)



Cyan (64%)

Magenta (64%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3750, 18.0561, -4.7139 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 96.3750, 18.0561, -4.7139 by changing the saturation by 10% instead.

■ 96.3750, 18.0561,
-4.7139

■ 96.3750, 18.0561,
-4.7139

■ 255.0000, 0.0000,
0.0000

■ 72.8480, 17.3299,
-5.1287

■ 147.0160, 19.2191,
-4.3990

■ 49.3210, 16.6037,
-5.5435

■ 174.1300, 19.6559,
-4.4990

■ 27.7830, 15.8830,
-7.7027

■ 201.6570, 20.3821,
-4.0842

■ 4.3320, 16.5983,
-3.7992

■ 227.8330, 13.3933,
-2.4845

■ 2.2970, 6.2626,
-2.0145

■ 252.9400, 1.0156,
0.9296

■ 0.0000, 0.0000,
0.0000

■ 96.3750, 18.0561,
-4.7139

■ 96.3750, 18.0561,
-4.7139

■ 84.8570, 23.7345,
-6.0136

■ 107.8930, 12.3778,
-3.4142

■ 73.0400, 29.5603,
-7.9281

■ 119.7100, 6.5520,
-1.4997

■ 61.5220, 35.2387,
-9.2278

■ 131.2280, 0.8736,
-0.2000

■ 50.0040, 40.9170,
-10.5275

■ 142.7460, -4.8048,
1.0998

■ 38.4860, 46.5954,
-11.8272

■ 154.5630,
-10.6306, 3.0142

■ 26.6690, 52.4212,
-13.7417

■ 166.0810,
-16.3089, 4.3140

■ 16.9230, 57.2260,
-14.8415

■ 177.5990,
-21.9873, 5.6137

■ 189.1170,

-27.6657, 6.9134

■ 200.9340,
-33.4915, 8.8279

Harmonies

Analogous

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



90.6600, 22.3526, -29.5198



96.3750, 18.0561, -4.7139



98.5580, 10.5709, 16.1736

Triad

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



96.3750, 18.0561, -4.7139



96.0500, -15.8006, 28.0202



85.0400, 2.4453, -37.7461

Complementary

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



96.3750, 18.0561, -4.7139



127.6250, -18.0561, 4.7139

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.



89.6590, -9.6919, -18.1179



96.3750, 18.0561, -4.7139



94.6480, -19.5465, 16.0947

Square

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



96.3750, 18.0561, -4.7139



96.5590, -7.6706, 33.7128



92.4180, -17.4611, 0.5104



78.1650, 16.1877, -58.9037

Rectangle

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



96.3750, 18.0561, -4.7139



98.1310, 4.8654, 26.1951



92.4180, -17.4611, 0.5104



87.2320, -2.0864, -30.8985

Sweetspot

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



96.3750, 18.0561, -4.7139



159.7100, 6.5520, -1.4997



120.3280, 5.7543, -25.7207



78.1400, 4.3680, -0.9998



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



96.3750, 18.0561, -4.7139



115.9970, 28.1025, -7.0134



101.7680, 15.3974, 8.0965



60.6840, 2.6208, -0.5999



16.5810, 55.9156, -14.5415



0.3420, 1.3104, -0.2999

Inverse Universe

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



103.6720, -5.7543, 25.7207



127.5490, -9.1447, 39.8605



122.2320, -15.3974, -8.0965



61.7940, -0.8844, 3.6887



39.2120, -17.8525, 79.6211



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 96.3750, 18.0561, -4.7139 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 96.3750, 18.0561, -4.7139 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 96.3750, 18.0561, -4.7139

Background



This preview shows how black text looks on a background with the YUV color 96.3750, 18.0561, -4.7139.



This preview shows how white text looks on a background with the YUV color 96.3750, 18.0561,

-4.7139.

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

96.3750, 18.0561, -4.7139

Protanopia

95.3850, 19.5302, -10.8616

Deuteranopia

95.1570, 18.6566, -10.6617



Tritanopia

94.3240, 5.2633, -8.1771

Trichromacy



Original Color

96.3750, 18.0561, -4.7139

Protanomaly

95.5810, 18.9406, -8.4025

Deuteranomaly

95.4670, 18.5038, -8.3026

Tritanomaly

94.8880, 9.9152, -6.9178

Monochromacy



Original Color

96.3750, 18.0561, -4.7139

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2970, 6.2626, -2.0145

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3750, 18.0561, -4.7139 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(91, 92, 133)` looks like.

```
.text, #text, p{  
    color:rgb(91, 92, 133)  
}
```

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(91, 92, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 92, 133) }
```

Border

The CSS property to change the border of an element to YUV 96.3750, 18.0561, -4.7139 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(91, 92, 133) }
```


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

```
.border{ border-color:rgb(91, 92, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 92, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 92, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 92, 133);  
box-shadow:4px 4px 4px 4px rgb(91, 92,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 96.3750, 18.0561, -4.7139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 92, 133) }
```

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

```
.background{ background-color: rgb(91, 92,  
133) }
```

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