

Converting Colors

YUV(67.5840, 11.0511, 2.1188)

Have a look what the booklet for
YUV(67.5840, 11.0511, 2.1188)
contains.

YUV(67.5840, 11.0511, 2.1188)	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(67.5840, 11.0511,
2.1188)**

Conversions

Conversions Part 1

Format	Color
Hex	463E5A
RGB	70, 62, 90
RGB Percent	27%, 24%, 35%
CMY	0.7255, 0.7569, 0.6471
CMYK	0.22, 0.31, 0.00, 0.65
HSL	257°, 18%, 30%
HSV	257°, 31%, 35%
XYZ	6.0939, 5.4855, 10.4105
YIQ	67.5840, -4.2200, 10.4040

Conversions

Conversions Part 2

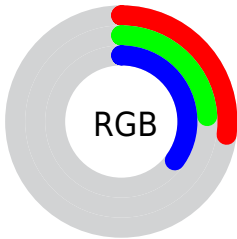
Format	Color
R_{YB}	70, 62, 90
Decimal	4603482
CIE _{Lab}	28.08, 10.14, -15.46
CIE _{LCh}	28, 18.489, 303.254
Yxy	5.4855, 0.2771, 0.2495
Android (android.graphics.Color)	4282793562 (0xFF463E5A)
YUV	67.5840, 11.0511, 2.1188
Hunter-Lab	23.4212, 5.4562, -9.9590

Details

The YUV color **67.5840, 11.0511, 2.1188** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **84.4160, -11.0511, -2.1188**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1110, 11.7773, 2.5337**, and **24.5300, 9.5987, 1.2892** is the 20% darker color. If you saturate the color by 10%, you get **60.5070, 14.5400, 3.0634**, and if you desaturate by 10%, it is **74.6610, 7.5621, 1.1743**.

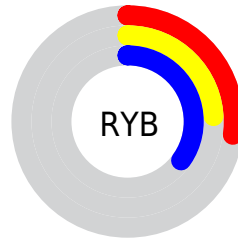
Distribution



Red (27%)

Green (24%)

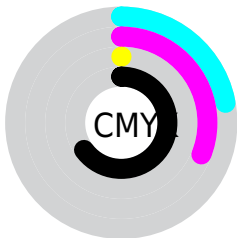
Blue (35%)



Red (27%)

Yellow (24%)

Blue (35%)

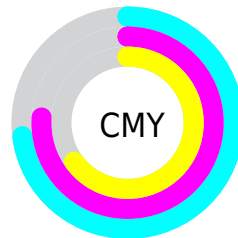


Cyan (22%)

Magenta (31%)

Yellow (0%)

Black (65%)



Cyan (73%)

Magenta (76%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5840, 11.0511, 2.1188 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 67.5840, 11.0511, 2.1188 by changing the saturation by 10% instead.

■ 67.5840, 11.0511,
2.1188

■ 67.5840, 11.0511,
2.1188

■ 255.0000, 0.0000,
0.0000

■ 45.0570, 10.3249,
1.7040

■ 116.1110, 11.7773,
2.5337

■ 24.5300, 9.5987,
1.2892

■ 141.6380, 12.5035,
2.9485

■ 2.7360, 10.4832,
-2.3995

■ 167.7520, 12.9403,
2.8485

■ 0.0000, 0.0000,
0.0000

■ 195.1650, 13.2297,
3.3633

■ 223.1650, 13.2297,
3.3633

■ 248.5430, 3.1833,

5.6628

■ 67.5840, 11.0511,
2.1188

■ 67.5840, 11.0511,
2.1188

■ 60.5070, 14.5400,
3.0634

■ 74.6610, 7.5621,
1.1743

■ 53.1310, 18.1764,
3.3931

■ 82.0370, 3.9258,
0.8446

■ 46.0540, 21.6654,
4.3376

■ 89.1140, 0.4368,
-0.1000

■ 38.6780, 25.3017,
4.6674

■ 96.4900, -3.1996,
-0.4297

■ 31.6010, 28.7907,
5.6119

■ 103.5670, -6.6885,
-1.3743

■ 24.2250, 32.4271,
5.9417

■ 110.9430,
-10.3249, -1.7040

■ 18.0340, 35.4792,
6.9862

■ 118.0200,
-13.8139, -2.6485

■ 125.0970,
-17.3028, -3.5931

■ 132.4730,
-20.9392, -3.9228

Harmonies

Analogous

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



64.6960, 14.4469, -13.7654



67.5840, 11.0511, 2.1188



68.1790, 5.3348, 15.6290

Triad

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



67.5840, 11.0511, 2.1188



66.1950, -12.4211, 17.3690



58.2520, 4.3128, -30.0390

Complementary

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



67.5840, 11.0511, 2.1188



84.4160, -11.0511, -2.1188

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.



61.4510, -4.1663, -17.0585



67.5840, 11.0511, 2.1188



65.2000, -13.4096, 7.7176

Square

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



67.5840, 11.0511, 2.1188



67.0800, -7.9274, 22.7318



63.5190, -10.6089, -3.9632



55.3740, 12.6336, -38.9160

Rectangle

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



67.5840, 11.0511, 2.1188



68.3600, 0.8085, 20.7323



63.5190, -10.6089, -3.9632



59.4760, 1.2443, -25.8505

Sweetspot

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



67.5840, 11.0511, 2.1188



109.0370, 3.9258, 0.8446



76.9320, 6.4425, -13.0954



53.3960, 2.7628, 0.5297



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



67.5840, 11.0511, 2.1188



82.4900, 17.0134, 3.0783



71.7700, 8.9874, 10.7257



42.1680, 1.8892, 0.7297



21.8090, 43.4782, 8.0605



47.3500, 93.4975, 18.1100

Inverse Universe

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



72.6520, 4.6086, 15.2142



90.3910, 7.2022, 23.3361



80.2300, -8.9874, -10.7257



42.9510, 1.0102, 2.6740



41.7820, 17.8555, 59.8272



90.1290, 38.8834, 128.8059

Previews

White Background



This preview shows how the YUV color 67.5840, 11.0511, 2.1188 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 ✓ Pass

Black Background



This preview shows how the YUV color 67.5840, 11.0511, 2.1188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

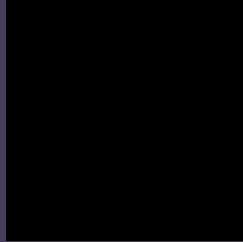
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.5840, 11.0511, 2.1188

Background



This preview shows how black text looks on a background with the YUV color 67.5840, 11.0511, 2.1188.



This preview shows how white text looks on a background with the YUV color 67.5840, 11.0511,

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

67.5840, 11.0511, 2.1188

Protanopia

66.0990, 13.2622, -7.1028

Deuteranopia

66.2410, 11.2202, -5.4734



Tritanopia

66.8690, 2.0366, 0.1149

Trichromacy



Original Color

67.5840, 11.0511, 2.1188

Protanomaly

66.5940, 12.5252, -4.0289

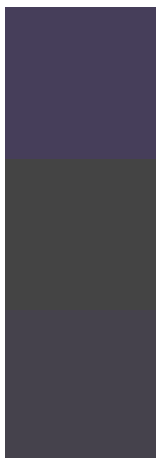
Deuteranomaly

66.8500, 10.9200, -2.4994

Tritanomaly

67.3790, 5.2362, 0.5446

Monochromacy



Original Color

67.5840, 11.0511, 2.1188

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0370, 3.9258, 0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5840, 11.0511, 2.1188 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(70, 62, 90)` looks like.

```
.text, #text, p{  
    color:rgb(70, 62, 90)  
}
```

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(70, 62, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 62, 90) }
```

Border

The CSS property to change the border of an element to YUV 67.5840, 11.0511, 2.1188 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(70, 62, 90) }
```


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

```
.border{ border-color:rgb(70, 62, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 62, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 62, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 62, 90);  
box-shadow:4px 4px 4px 4px rgb(70, 62, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.5840, 11.0511, 2.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 62, 90) }
```

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

```
.background{ background-color: rgb(70, 62,  
90) }
```

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