

Converting Colors

YUV(65.4700, 7.1633, -10.9362)

Have a look what the booklet for
YUV(65.4700, 7.1633, -10.9362)
contains.

YUV(65.4700, 7.1633, -10.9362)	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(65.4700, 7.1633,
-10.9362)**

Conversions

Conversions Part 1

Format	Color
Hex	354550
RGB	53, 69, 80
RGB Percent	21%, 27%, 31%
CMY	0.7922, 0.7294, 0.6863
CMYK	0.34, 0.14, 0.00, 0.69
HSL	204°, 20%, 26%
HSV	204°, 34%, 31%
XYZ	5.0443, 5.5923, 8.4030
YIQ	65.4700, -13.0670, 0.0290

Conversions

Conversions Part 2

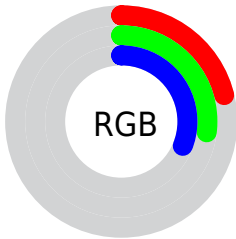
Format	Color
R_{YB}	53, 63, 80
Decimal	3491152
CIE Lab	28.36, -3.31, -8.67
CIE LCh	28, 9.278, 249.119
Yxy	5.5923, 0.2649, 0.2937
Android (android.graphics.Color)	4281681232 (0xFF354550)
YUV	65.4700, 7.1633, -10.9362
Hunter-Lab	23.6481, -3.3089, -4.5141

Details

The YUV color **65.4700, 7.1633, -10.9362** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.5300, -7.1633, 10.9362**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2850, 7.7475, -11.6509**, and **22.0570, 6.8739, -11.4510** is the 20% darker color. If you saturate the color by 10%, you get **61.3170, 9.2107, -14.3100**, and if you desaturate by 10%, it is **69.6230, 5.1159, -7.5624**.

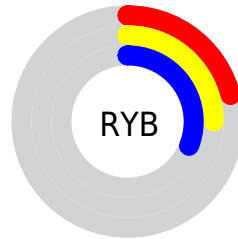
Distribution



Red (21%)

Green (27%)

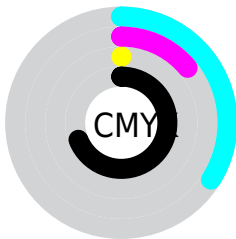
Blue (31%)



Red (21%)

Yellow (25%)

Blue (31%)

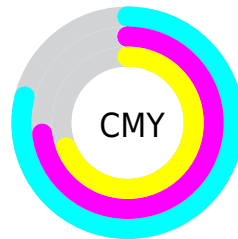


Cyan (34%)

Magenta (14%)

Yellow (0%)

Black (69%)



Cyan (79%)

Magenta (73%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.4700, 7.1633, -10.9362 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 65.4700, 7.1633, -10.9362 by changing the saturation by 10% instead.

■ 65.4700, 7.1633,
-10.9362

■ 65.4700, 7.1633,
-10.9362

■ 255.0000, 0.0000,
0.0000

■ 43.3560, 6.7265,
-10.8362

■ 113.2850, 7.7475,
-11.6509

■ 22.0570, 6.8739,
-11.4510

■ 139.2850, 7.7475,
-11.6509

■ 2.1830, 5.8258,
-1.9145

■ 165.3990, 8.1843,
-11.7509

■ 0.0000, 0.0000,
0.0000

■ 192.5130, 8.6211,
-11.8509

■ 220.2140, 8.7685,
-12.4657

■ 247.8460, 3.5269,

-11.2659

■ 65.4700, 7.1633,
-10.9362

■ 65.4700, 7.1633,
-10.9362

■ 61.3170, 9.2107,
-14.3100

■ 69.6230, 5.1159,
-7.5624

■ 56.5770, 11.5475,
-17.1690

■ 74.3630, 2.7790,
-4.7034

■ 52.4240, 13.5950,
-20.5428

■ 78.5160, 0.7316,
-1.3295

■ 48.2710, 15.6424,
-23.9167

■ 82.6690, -1.3158,
2.0443

■ 44.1180, 17.6898,
-27.2905

■ 86.8220, -3.3632,
5.4181

■ 39.3780, 20.0266,
-30.1495

■ 91.5620, -5.7001,
8.2771

■ 36.7090, 21.3425,
-32.1938

■ 95.7150, -7.7475,
11.6509

■ 99.8680, -9.7949,
15.0248

■ 104.0210,
-11.8424, 18.3986

Harmonies

Analogous

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



64.6930, 5.5744, -14.6398



65.4700, 7.1633, -10.9362



67.1010, 6.8522, -4.4736

Triad

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



65.4700, 7.1633, -10.9362



68.3220, -1.6377, 11.9956



65.4250, -4.6465, -3.0037

Complementary

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



65.4700, 7.1633, -10.9362



67.5300, -7.1633, 10.9362

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.



66.3010, -6.5574, 3.2440



65.4700, 7.1633, -10.9362



67.8120, -4.8373, 11.5659

Square

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



65.4700, 7.1633, -10.9362



68.5110, 1.7201, 8.3219



67.3340, -6.5737, 8.4771



64.8910, -1.4253, -9.5514

Rectangle

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



65.4700, 7.1633, -10.9362



67.4930, 5.6730, 0.4446



67.3340, -6.5737, 8.4771



66.0940, -5.9623, -0.9594

Sweetspot

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



65.4700, 7.1633, -10.9362



98.7760, 3.0684, -4.1886



70.1030, -3.0088, -14.9993



50.1460, 1.9000, -2.7590



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



65.4700, 7.1633, -10.9362



81.5770, 11.5475, -17.1690



57.8390, 10.9254, -4.2438



38.6300, 1.1684, -1.4295



48.3640, 27.9215, -42.4152



107.4540, 61.4012, -94.2372

Inverse Universe

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



62.8970, 3.0088, 14.9993



77.7070, 4.5814, 23.9360



75.1610, -10.9254, 4.2438



38.4240, 0.2840, 2.2592



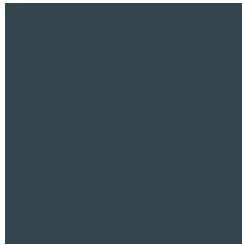
38.4630, 11.6037, 58.3529



85.1000, 26.0797, 128.8313

Previews

White Background



This preview shows how the YUV color 65.4700, 7.1633, -10.9362 looks on a white background.

Color Contrast Check

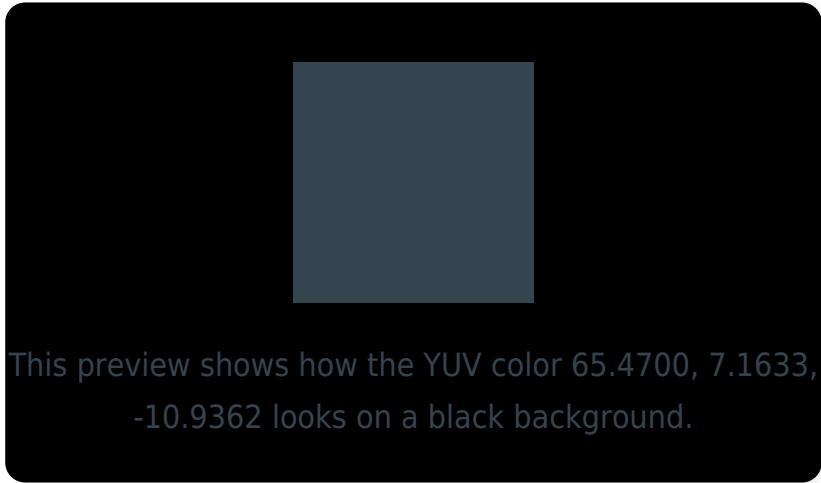
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

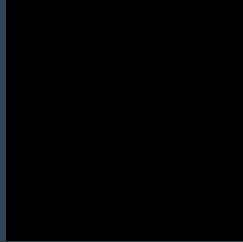
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

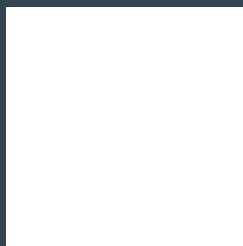
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 65.4700, 7.1633, -10.9362

Background



This preview shows how black text looks on a background with the YUV color 65.4700, 7.1633, -10.9362.



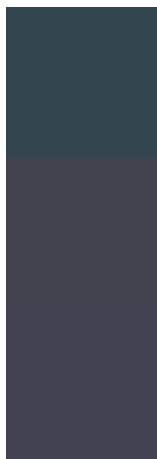
This preview shows how white text looks on a background with the YUV color 65.4700, 7.1633, -10.9362.

-10.9362.

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

65.4700, 7.1633, -10.9362

Protanopia

66.7700, 5.5364, -2.4293

Deuteranopia

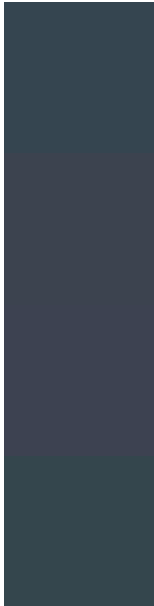
67.1230, 6.8414, -0.9849



Tritanopia

65.1880, 4.8373, -11.5659

Trichromacy



Original Color

65.4700, 7.1633, -10.9362

Protanomaly

66.2750, 6.2734, -5.5032

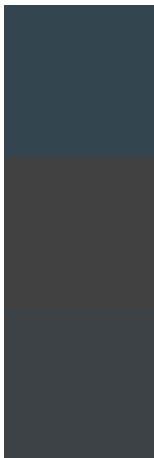
Deuteranomaly

66.2150, 7.2890, -4.5736

Tritanomaly

65.4160, 5.7109, -11.7658

Monochromacy



Original Color

65.4700, 7.1633, -10.9362

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.4700, 7.1633, -10.9362 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(53, 69, 80)` looks like.

```
.text, #text, p{  
    color:rgb(53, 69, 80)  
}
```

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(53, 69, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 69, 80) }
```

Border

The CSS property to change the border of an element to YUV 65.4700, 7.1633, -10.9362 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(53, 69, 80) }
```


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

```
.border{ border-color:rgb(53, 69, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 69, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 69, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 69, 80);  
box-shadow:4px 4px 4px 4px rgb(53, 69, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.4700, 7.1633, -10.9362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 69, 80) }
```

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

```
.background{ background-color: rgb(53, 69,  
80) }
```

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