

Converting Colors

YUV(112.4700, 7.1633,
-10.9362)

Have a look what the booklet for
YUV(112.4700, 7.1633, -10.9362)
contains.

YUV(112.4700, 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(112.4700, 7.1633,
-10.9362)**

Conversions

Conversions Part 1

Format	Color
Hex	64747F
RGB	100, 116, 127
RGB Percent	39%, 45%, 50%
CMY	0.6078, 0.5451, 0.5020
CMYK	0.21, 0.09, 0.00, 0.50
HSL	204°, 12%, 45%
HSV	204°, 21%, 50%
XYZ	15.3317, 16.7324, 22.5003
YIQ	112.4700, -13.0670, 0.0290

Conversions

Conversions Part 2

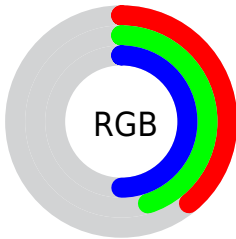
Format	Color
R_{YB}	100, 110, 127
Decimal	6583423
CIE _{Lab}	47.92, -3.34, -8.03
CIE _{LCh}	48, 8.701, 247.403
Yxy	16.7324, 0.2810, 0.3067
Android (android.graphics.Color)	4284773503 (0xFF64747F)
YUV	112.4700, 7.1633, -10.9362
Hunter-Lab	40.9053, -4.6807, -3.9793

Details

The YUV color **112.4700, 7.1633, -10.9362** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114.5300, -7.1633, 10.9362**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2850, 7.7475, -11.6509**, and **64.6550, 6.5791, -10.2214** is the 20% darker color. If you saturate the color by 10%, you get **105.6480, 10.5265, -16.3543**, and if you desaturate by 10%, it is **119.2920, 3.8000, -5.5181**.

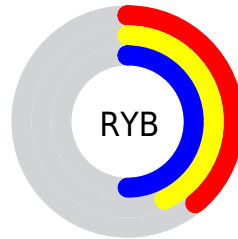
Distribution




 Red (39%)

 Green (45%)

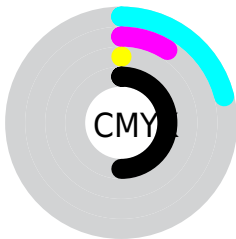
 Blue (50%)




 Red (39%)

 Yellow (43%)

 Blue (50%)

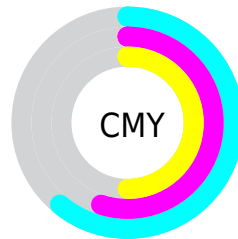



 Cyan (21%)


 Magenta (9%)

 Yellow (0%)

 Black (50%)



 Cyan (61%)

 Magenta (55%)

 Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4700, 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 112.4700, 7.1633, -10.9362 by changing the saturation by 10% instead.

■ 112.4700, 7.1633,
-10.9362

■ 112.4700, 7.1633,
-10.9362

■ 255.0000, 0.0000,
0.0000

■ 87.7690, 7.0159,
-10.3214

■ 164.2850, 7.7475,
-11.6509

■ 64.6550, 6.5791,
-10.2214

■ 191.2850, 7.7475,
-11.6509

■ 42.5410, 6.1423,
-10.1215

■ 219.2850, 7.7475,
-11.6509

■ 21.2420, 6.2897,
-10.7362

■ 246.9600, 3.9637,
-11.3659

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 112.4700, 7.1633,
-10.9362

■ 112.4700, 7.1633,
-10.9362

■ 105.6480, 10.5265,
-16.3543

■ 119.2920, 3.8000,
-5.5181

■ 99.1250, 13.7424,
-21.1576

■ 125.8150, 0.5842,
-0.7148

■ 91.7160, 17.3950,
-26.0609

■ 133.2240, -3.0684,
4.1886

■ 84.8940, 20.7583,
-31.4790

■ 140.0460, -6.4317,
9.6067

■ 78.3710, 23.9741,
-36.2824

■ 146.5690, -9.6475,
14.4100

■ 71.5490, 27.3373,
-41.7005

■ 153.3910,
-13.0108, 19.8281

■ 64.7270, 30.7006,
-47.1186

■ 160.2130,
-16.3740, 25.2462

■ 58.5030, 33.7690,

■ 167.0350,

-51.3071

-19.7373, 30.6643

 174.1450,
-23.2425, 34.9528

Harmonies

Analogous

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



111.8780, 4.9901, -13.9250



112.4700, 7.1633, -10.9362



113.8020, 6.9996, -5.0884

Triad

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



112.4700, 7.1633, -10.9362



115.3220, -1.6377, 11.9956



112.3110, -5.0833, -2.9037

Complementary

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



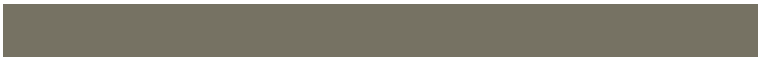
112.4700, 7.1633, -10.9362



114.5300, -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.



113.4860, -7.1416, 3.9588



112.4700, 7.1633, -10.9362



114.5240, -4.6953, 12.6955

Square

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



112.4700, 7.1633, -10.9362



115.0380, 2.4463, 8.7367



113.9320, -6.8685, 9.7066



112.0760, -2.0095, -8.8367

Rectangle

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



112.4700, 7.1633, -10.9362



114.3080, 6.2572, -0.2701



113.9320, -6.8685, 9.7066



112.5070, -5.6730, -0.4446

Sweetspot

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



112.4700, 7.1633, -10.9362



160.6620, 2.6316, -4.0886



117.1030, -3.0088, -14.9993



81.0320, 1.4632, -2.6591



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



112.4700, 7.1633, -10.9362



142.5770, 11.5475, -17.1690



104.8390, 10.9254, -4.2438



60.1460, 1.9000, -2.7590



59.2040, 33.9164, -51.9219



0.0000, 0.0000, 0.0000

Inverse Universe

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



109.8970, 3.0088, 14.9993



138.7070, 4.5814, 23.9360



122.1610, -10.9254, 4.2438



59.5490, 0.7153, 3.9035



46.9360, 14.3286, 71.0931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 112.4700, 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 × Fail

Black Background



This preview shows how the YUV color 112.4700, 7.1633, -10.9362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

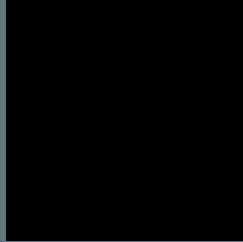
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

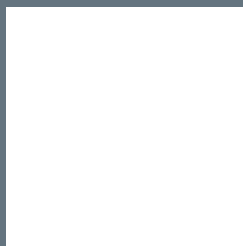
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.4700, 7.1633, -10.9362

Background



This preview shows how black text looks on a background with the YUV color 112.4700, 7.1633, -10.9362.



This preview shows how white text looks on a background with the YUV color 112.4700, 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

112.4700, 7.1633, -10.9362

Protanopia

114.0690, 5.3890, -1.8145

Deuteranopia

115.0310, 6.3937, 2.6038



Tritanopia

112.3560, 6.7265, -10.8362

Trichromacy



Original Color

112.4700, 7.1633, -10.9362

Protanomaly

113.5740, 6.1260, -4.8884

Deuteranomaly

114.1120, 6.8468, -2.7292

Tritanomaly

112.3560, 6.7265, -10.8362

Monochromacy



Original Color

112.4700, 7.1633, -10.9362

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4700, 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(100, 116, 127)` looks like.

```
.text, #text, p{  
    color:rgb(100, 116, 127)  
}
```

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(100, 116, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 116, 127) }
```

Border

The CSS property to change the border of an element to YUV 112.4700, 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(100, 116, 127) }
```


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

```
.border{ border-color:rgb(100, 116, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 116, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 116, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 116, 127);  
box-shadow:4px 4px 4px 4px rgb(100, 116,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 112.4700, 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(100, 116, 127) }
```

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

```
.background{ background-color: rgb(100,  
116, 127) }
```

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