

Converting Colors

YUV(114.7470, 7.0267,
-13.8101)

Have a look what the booklet for
YUV(114.7470, 7.0267, -13.8101)
contains.

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Color

**YUV(114.7470, 7.0267,
-13.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	637881
RGB	99, 120, 129
RGB Percent	39%, 47%, 51%
CMY	0.6118, 0.5294, 0.4941
CMYK	0.23, 0.07, 0.00, 0.49
HSL	198°, 13%, 45%
HSV	198°, 23%, 51%
XYZ	15.8245, 17.6706, 23.3456
YIQ	114.7470, -15.4050, -1.6530

Conversions

Conversions Part 2

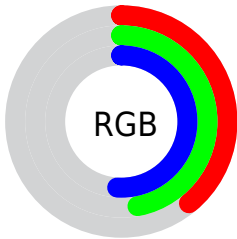
Format	Color
R_{YB}	99, 111, 129
Decimal	6518913
CIE _{Lab}	49.09, -5.51, -7.47
CIE _{LCh}	49, 9.287, 233.581
Yxy	17.6706, 0.2784, 0.3109
Android (android.graphics.Color)	4284708993 (0xFF637881)
YUV	114.7470, 7.0267, -13.8101
Hunter-Lab	42.0364, -6.3677, -3.5022

Details

The YUV color $[114.7470, 7.0267, -13.8101]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[113.2530, -7.0267, 13.8101]$, and the grayscale version is $[115.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[166.5620, 7.6109, -14.5249]$, and $[66.6330, 6.5899, -13.7101]$ is the 20% darker color. If you saturate the color by 10%, you get $[108.5120, 10.1006, -19.7430]$, and if you desaturate by 10%, it is $[120.9820, 3.9529, -7.8772]$.

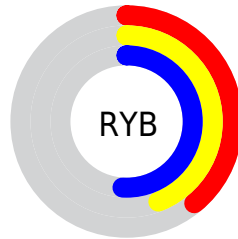
Distribution



Red (39%)

Green (47%)

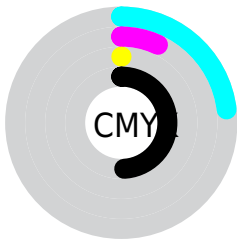
Blue (51%)



Red (39%)

Yellow (44%)

Blue (51%)

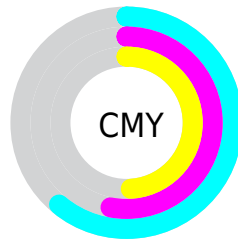


Cyan (23%)

Magenta (7%)

Yellow (0%)

Black (49%)



Cyan (61%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.7470, 7.0267, -13.8101 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 114.7470, 7.0267, -13.8101 by changing the saturation by 10% instead.

■ 114.7470, 7.0267,
-13.8101

■ 114.7470, 7.0267,
-13.8101

■ 255.0000, 0.0000,
0.0000

■ 90.0460, 6.8793,
-13.1953

■ 166.5620, 7.6109,
-14.5249

■ 66.6330, 6.5899,
-13.7101

■ 194.1490, 7.3215,
-15.0397

■ 43.9320, 6.4425,
-13.0954

■ 222.2630, 7.7583,
-15.1397

■ 22.5190, 6.1531,
-13.6102

■ 248.4220, 3.2430,
-13.5251

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 114.7470, 7.0267,
-13.8101

■ 114.7470, 7.0267,
-13.8101

■ 108.5120, 10.1006,
-19.7430

■ 120.9820, 3.9529,
-7.8772

■ 102.2770, 13.1744,
-25.6759

■ 127.2170, 0.8790,
-1.9443

■ 96.0420, 16.2483,
-31.6088

■ 133.4520, -2.1948,
3.9886

■ 90.3940, 19.0328,
-38.0565

■ 139.1000, -4.9793,
10.4363

■ 84.4580, 21.9592,
-43.3747

■ 145.0360, -7.9057,
15.7544

■ 78.2230, 25.0331,
-49.3076

■ 151.2710,
-10.9796, 21.6873

■ 71.9880, 28.1069,
-55.2405

■ 157.5060,
-14.0535, 27.6202

■ 67.5360, 30.3018,

■ 163.7410,

-59.2291

-17.1273, 33.5531

 169.9760,
-20.2012, 39.4860

Harmonies

Analogous

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



114.0520, 4.4114, -14.9546



114.7470, 7.0267, -13.8101



116.0080, 7.8841, -8.7770

Triad

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



114.7470, 7.0267, -13.8101



118.1910, 0.3988, 12.1105



115.5780, -6.6940, 0.3701

Complementary

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



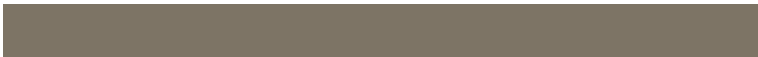
114.7470, 7.0267, -13.8101



113.2530, -7.0267, 13.8101

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.



116.9810, -7.8786, 7.0327



114.7470, 7.0267, -13.8101



118.4640, -3.6798, 13.6251

Square

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



114.7470, 7.0267, -13.8101



118.0700, 3.9095, 6.0776



117.3560, -6.5845, 11.9658



114.6310, -3.7621, -6.6924

Rectangle

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



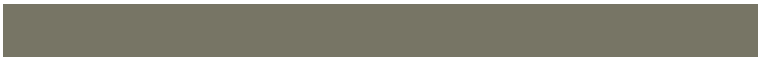
114.7470, 7.0267, -13.8101



116.9270, 7.4310, -3.4440



117.3560, -6.5845, 11.9658



115.7740, -7.2836, 2.8292

Sweetspot

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



114.7470, 7.0267, -13.8101



162.9500, 2.4897, -5.2181



117.6360, -4.7505, -16.3438



80.7330, 1.6106, -3.2738



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.



114.7470, 7.0267, -13.8101



145.7290, 10.9796, -21.6873



105.9420, 11.3676, -6.0881



60.7330, 1.6106, -3.2738



66.8350, 30.1543, -58.6143



0.0000, 0.0000, 0.0000

Inverse Universe

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



110.3640, 4.7505, 16.3438



138.8150, 7.4862, 25.5952



122.0580, -11.3676, 6.0881



59.6630, 1.1521, 3.8035



48.4180, 20.0069, 69.7934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 114.7470, 7.0267, -13.8101 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 114.7470, 7.0267, -13.8101 looks on a black 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

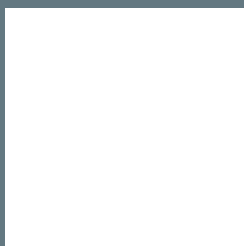
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.7470, 7.0267, -13.8101

Background



This preview shows how black text looks on a background with the YUV color 114.7470, 7.0267, -13.8101.



This preview shows how white text looks on a background with the YUV color 114.7470, 7.0267, -13.8101.

-13.8101.

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

114.7470, 7.0267, -13.8101

Protanopia

117.1400, 4.3680, -0.9998

Deuteranopia

117.3300, 6.2463, 3.2186



Tritanopia

114.7470, 7.0267, -13.8101

Trichromacy



Original Color

114.7470, 7.0267, -13.8101

Protanomaly

116.0470, 5.3998, -5.3032

Deuteranomaly

116.6990, 6.5574, -3.2440

Tritanomaly

114.7470, 7.0267, -13.8101

Monochromacy



Original Color

114.7470, 7.0267, -13.8101

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9500, 2.4896, -5.2182

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7470, 7.0267, -13.8101 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(99, 120, 129)` looks like.

```
.text, #text, p{  
    color:rgb(99, 120, 129)  
}
```

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(99, 120, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 120, 129) }
```

Border

The CSS property to change the border of an element to YUV 114.7470, 7.0267, -13.8101 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(99, 120, 129) }
```


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

```
.border{ border-color:rgb(99, 120, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 120, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 120, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 120, 129);  
box-shadow:4px 4px 4px 4px rgb(99, 120,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 114.7470, 7.0267, -13.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 120, 129) }
```

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

```
.background{ background-color: rgb(99, 120,  
129) }
```

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](#).

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