

Converting Colors

YUV(120.8660, -6.8359, -0.7595)

Have a look what the booklet for
YUV(120.8660, -6.8359, -0.7595)
contains.

YUV(120.8660, -6.8359, -0.7595)	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(120.8660, -6.8359,
-0.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	787C6B
RGB	120, 124, 107
RGB Percent	47%, 49%, 42%
CMY	0.5294, 0.5137, 0.5804
CMYK	0.03, 0.00, 0.14, 0.51
HSL	74°, 7%, 45%
HSV	74°, 14%, 49%
XYZ	17.6072, 19.4699, 16.7400
YIQ	120.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

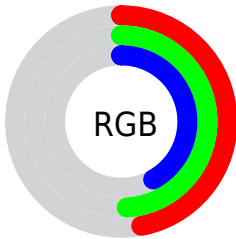
Format	Color
RYB	107, 124, 111
Decimal	7896171
CIELab	51.23, -4.77, 8.78
CIELCh	51, 9.987, 118.513
Yxy	19.4699, 0.3272, 0.3618
Android (android.graphics.Color)	4286086251 (0xFF787C6B)
YUV	120.8660, -6.8359, -0.7595
Hunter-Lab	44.1247, -5.9909, 8.3939

Details

The YUV color **120.8660, -6.8359, -0.7595** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.1340, 6.8359, 0.7595**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7520, -7.2727, -0.6595**, and **72.0940, -5.9623, -0.9594** is the 20% darker color. If you saturate the color by 10%, you get **118.6010, -11.6353, -1.4041**, and if you desaturate by 10%, it is **123.1310, -2.0366, -0.1149**.

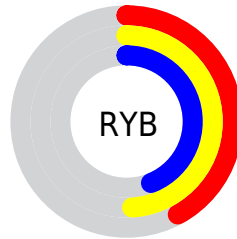
Distribution



Red (47%)

Green (49%)

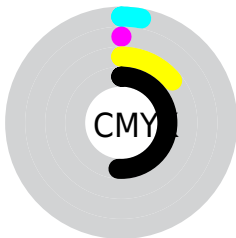
Blue (42%)



Red (42%)

Yellow (49%)

Blue (44%)

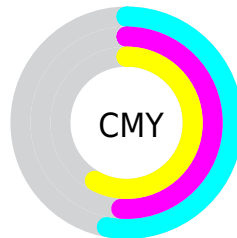


Cyan (3%)

Magenta (0%)

Yellow (14%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8660, -6.8359, -0.7595 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 120.8660, -6.8359, -0.7595 by changing the saturation by 10% instead.

120.8660, -6.8359,
-0.7595

120.8660, -6.8359,
-0.7595

255.0000, 0.0000,
0.0000

95.9800, -6.3991,
-0.8595

172.7520, -7.2727,
-0.6595

72.0940, -5.9623,
-0.9594

200.6380, -7.7095,
-0.5595

50.0940, -5.9623,
-0.9594

228.6380, -7.7095,
-0.5595

28.5070, -5.6730,
-0.4446

253.4040, -6.1152,
1.3997

4.6960, -2.3151,
-4.1184

0.0000, 0.0000,
0.0000

■ 120.8660, -6.8359,
-0.7595

■ 120.8660, -6.8359,
-0.7595

■ 118.6010,
-11.6353, -1.4041

■ 123.1310, -2.0366,
-0.1149

■ 116.2220,
-16.8714, -1.9487

■ 125.5100, 3.1996,
0.4297

■ 113.9570,
-21.6708, -2.5933

■ 127.7750, 7.9989,
1.0743

■ 111.5780,
-26.9070, -3.1379

■ 130.1540, 13.2351,
1.6189

■ 109.3130,
-31.7063, -3.7825

■ 132.4190, 18.0344,
2.2635

■ 107.0480,
-36.5057, -4.4271

■ 134.6840, 22.8338,
2.9081

■ 104.9680,
-41.8892, -4.3569

■ 136.7640, 28.2173,
2.8380

■ 102.7030,

■ 139.0290, 33.0167,

-46.6886, -5.0015

3.4826

■ 101.1930,
-49.8881, -5.4313

■ 141.4080, 38.2529,
4.0272

Harmonies

Analogous

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



121.5680, -8.1680, 6.5179



120.8660, -6.8359, -0.7595



119.7340, -3.3199, -8.5367

Triad

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



120.8660, -6.8359, -0.7595



119.9750, 7.9003, -14.0101



123.6750, -0.3328, 13.4400

Complementary

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



120.8660, -6.8359, -0.7595



110.1340, 6.8359, 0.7595

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.



123.9670, 3.4673, 7.9219



120.8660, -6.8359, -0.7595



121.5350, 8.6102, -8.3622

Square

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



120.8660, -6.8359, -0.7595



119.2690, 5.2904, -16.8989



122.8350, 6.9833, 0.1447



123.5350, -4.7008, 14.4398

Rectangle

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



120.8660, -6.8359, -0.7595



119.3960, -0.6882, -12.6253



122.8350, 6.9833, 0.1447



124.0060, 0.9830, 11.3957

Sweetspot

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



120.8660, -6.8359, -0.7595



159.6040, -2.7628, -0.5297



114.4310, -3.6635, 8.3920



81.2450, -1.5998, -0.2149



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



120.8660, -6.8359, -0.7595



156.2420, -10.4723, -1.0892



118.4740, -5.6567, -5.6777



60.0170, -2.4734, -0.0149



102.0790, -50.3249, -5.3313



205.6310, -101.3761, -11.0774

Inverse Universe

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



110.1340, 6.8359, 0.7595



139.7580, 10.4723, 1.0892



112.5260, 5.6567, 5.6777



56.2820, 2.3260, 0.6297



22.9210, 50.3249, 5.3313



46.3690, 101.3761, 11.0774

Previews

White Background



This preview shows how the YUV color 120.8660, -6.8359, -0.7595 looks on a white 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

Black Background



This preview shows how the YUV color 120.8660, -6.8359, -0.7595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

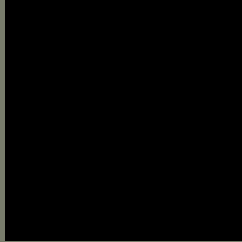
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

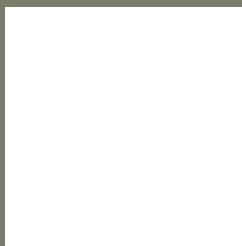
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.8660, -6.8359, -0.7595

Background



This preview shows how black text looks on a background with the YUV color 120.8660, -6.8359, -0.7595.



This preview shows how white text looks on a background with the YUV color 120.8660, -6.8359,

-0.7595.

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

120.8660, -6.8359, -0.7595

Protanopia

121.9700, -7.8732, 5.2883

Deuteranopia

123.1390, -7.4635, 13.9101



Tritanopia

122.6240, 3.6364, 0.3298

Trichromacy



Original Color

120.8660, -6.8359, -0.7595

Protanomaly

121.6600, -7.7204, 2.9292

Deuteranomaly

122.2200, -7.0105, 8.5771

Tritanomaly

122.0000, 0.0000, 0.0000

Monochromacy



Original Color

120.8660, -6.8359, -0.7595

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8660, -6.8359, -0.7595 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(120, 124, 107)` looks like.

```
.text, #text, p{  
    color:rgb(120, 124, 107)  
}
```

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(120, 124, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 124, 107) }
```

Border

The CSS property to change the border of an element to YUV 120.8660, -6.8359, -0.7595 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(120, 124, 107) }
```


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

```
.border{ border-color:rgb(120, 124, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 124, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 124, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 124, 107);  
box-shadow:4px 4px 4px 4px rgb(120, 124,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 120.8660, -6.8359, -0.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 124, 107) }
```

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

```
.background{ background-color: rgb(120,  
124, 107) }
```

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