

Converting Colors

YUV(118.5470, 7.1253, 1.2743)

Have a look what the booklet for
YUV(118.5470, 7.1253, 1.2743)
contains.

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Color

**YUV(118.5470, 7.1253,
1.2743)**

Conversions

Conversions Part 1

Format	Color
Hex	787385
RGB	120, 115, 133
RGB Percent	47%, 45%, 52%
CMY	0.5294, 0.5490, 0.4784
CMYK	0.10, 0.14, 0.00, 0.48
HSL	257°, 7%, 49%
HSV	257°, 14%, 52%
XYZ	18.1101, 17.9480, 24.7001
YIQ	118.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

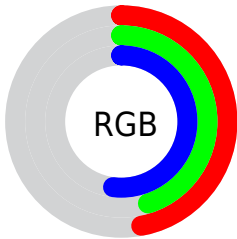
Format	Color
R_{YB}	120, 115, 133
Decimal	7893893
CIE _{Lab}	49.43, 5.68, -9.16
CIE _{LCh}	49, 10.778, 301.788
Yxy	17.9480, 0.2981, 0.2954
Android (android.graphics.Color)	4286083973 (0xFF787385)
YUV	118.5470, 7.1253, 1.2743
Hunter-Lab	42.3651, 2.1658, -4.9123

Details

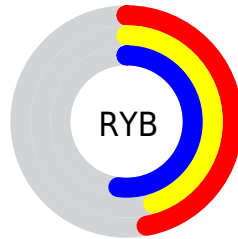
The YUV color **118.5470, 7.1253, 1.2743** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **129.4530, -7.1253, -1.2743**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6610, 7.5621, 1.1743**, and **70.0200, 6.3991, 0.8595** is the 20% darker color. If you saturate the color by 10%, you get **107.9260, 12.3615, 1.8189**, and if you desaturate by 10%, it is **129.1680, 1.8892, 0.7297**.

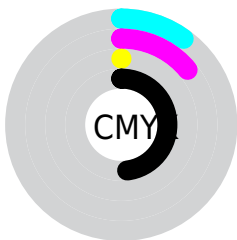
Distribution



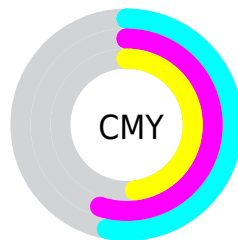
- Red (47%)
- Green (45%)
- Blue (52%)



- Red (47%)
- Yellow (45%)
- Blue (52%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (48%)



- Cyan (53%)
- Magenta (55%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5470, 7.1253, 1.2743 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 118.5470, 7.1253, 1.2743 by changing the saturation by 10% instead.

■ 118.5470, 7.1253,
1.2743

■ 118.5470, 7.1253,
1.2743

■ 255.0000, 0.0000,
0.0000

■ 93.5470, 7.1253,
1.2743

■ 170.6610, 7.5621,
1.1743

■ 70.0200, 6.3991,
0.8595

■ 198.0740, 7.8515,
1.6891

■ 47.9060, 5.9623,
0.9594

■ 226.0740, 7.8515,
1.6891

■ 26.9060, 5.9623,
0.9594

■ 252.6520, 1.1576,
2.0592

■ 2.0520, 7.8624,
-1.7996

■ 0.0000, 0.0000,
0.0000

■ 118.5470, 7.1253,
1.2743

■ 118.5470, 7.1253,
1.2743

■ 107.9260, 12.3615,
1.8189

■ 129.1680, 1.8892,
0.7297

■ 97.0170, 17.7396,
3.4931

■ 140.0770, -3.4890,
-0.9445

■ 86.3960, 22.9758,
4.0377

■ 150.6980, -8.7251,
-1.4891

■ 76.0740, 28.0645,
5.1971

■ 161.0200,
-13.8139, -2.6485

■ 64.8660, 33.5901,
6.2565

■ 172.2280,
-19.3394, -3.7080

■ 54.2450, 38.8262,
6.8011

■ 182.8490,
-24.5756, -4.2526

■ 43.9230, 43.9150,
7.9605

■ 193.1710,
-29.6643, -5.4120

■ 33.3020, 49.1511,

■ 203.7920,

8.5051

-34.9005, -5.9566

■ 26.2250, 52.6401,
9.4497

■ 214.7010,
-40.2786, -7.6308

Harmonies

Analogous

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



117.0620, 9.3364, -7.9474



118.5470, 7.1253, 1.2743



118.9780, 3.4618, 9.6663

Triad

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



118.5470, 7.1253, 1.2743



118.0140, -7.8949, 12.2657



114.3570, 1.7960, -16.0991

Complementary

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



118.5470, 7.1253, 1.2743



129.4530, -7.1253, -1.2743

Split Complementary

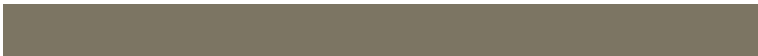
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



115.1360, -3.0250, -9.7663



118.5470, 7.1253, 1.2743



117.0410, -8.8942, 6.1030

Square

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



118.5470, 7.1253, 1.2743



119.0190, -5.4324, 15.7693



116.1540, -6.9779, -1.8891



114.7850, 6.0220, -18.2284

Rectangle

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



118.5470, 7.1253, 1.2743



119.2020, 0.3934, 13.8548



116.1540, -6.9779, -1.8891



114.6130, 0.1908, -14.5696

Sweetspot

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



118.5470, 7.1253, 1.2743



167.3960, 2.7628, 0.5297



124.6830, 4.1003, -8.4920



83.1680, 1.8892, 0.7297



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



118.5470, 7.1253, 1.2743



151.1710, 10.7617, 1.6040



121.2380, 5.7987, 6.8073



61.2820, 2.3260, 0.6297



25.5840, 51.4771, 9.1348



0.6410, 1.1630, 0.3148

Inverse Universe

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



121.8640, 3.0250, 9.7663



156.3530, 4.7560, 14.5994



126.7620, -5.7987, -6.8073



62.2500, 0.8628, 3.2888



49.5860, 21.8961, 70.5231



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 118.5470, 7.1253, 1.2743 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 118.5470, 7.1253, 1.2743 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 118.5470, 7.1253, 1.2743

Background



This preview shows how black text looks on a background with the YUV color 118.5470, 7.1253, 1.2743.



This preview shows how white text looks on a background with the YUV color 118.5470, 7.1253,

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

118.5470, 7.1253, 1.2743

Protanopia

118.3400, 7.7204, -2.9292

Deuteranopia

118.5580, 7.1199, 3.0186



Tritanopia

117.9230, 3.4890, 0.9445

Trichromacy



Original Color

118.5470, 7.1253, 1.2743

Protanomaly

118.3510, 7.7150, -1.1848

Deuteranomaly

118.2590, 7.2673, 2.4039

Tritanomaly

118.2650, 4.7994, 0.6446

Monochromacy



Original Color

118.5470, 7.1253, 1.2743

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9830, 2.4734, 0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5470, 7.1253, 1.2743 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, 115, 133)` looks like.

```
.text, #text, p{  
    color:rgb(120, 115, 133)  
}
```

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, 115, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 115, 133) }
```

Border

The CSS property to change the border of an element to YUV 118.5470, 7.1253, 1.2743 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, 115, 133) }
```


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

```
.border{ border-color:rgb(120, 115, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 115, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 115, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 115, 133);  
box-shadow:4px 4px 4px 4px rgb(120, 115,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 118.5470, 7.1253, 1.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 115, 133) }
```

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

```
.background{ background-color: rgb(120,  
115, 133) }
```

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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