

Converting Colors

YUV(121.7140, 0.1410,
-45.3532)

Have a look what the booklet for
YUV(121.7140, 0.1410, -45.3532)
contains.

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Color

**YUV(121.7140, 0.1410,
-45.3532)**

Conversions

Conversions Part 1

Format	Color
Hex	46947A
RGB	70, 148, 122
RGB Percent	27%, 58%, 48%
CMY	0.7255, 0.4196, 0.5216
CMYK	0.53, 0.00, 0.18, 0.42
HSL	160°, 36%, 43%
HSV	160°, 53%, 58%
XYZ	16.6285, 23.8870, 22.1466
YIQ	121.7140, -38.1420, -24.6220

Conversions

Conversions Part 2

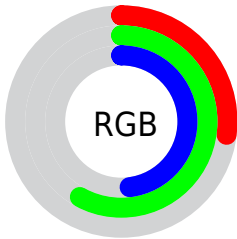
Format	Color
R_{YB}	70, 117, 148
Decimal	4625530
CIE Lab	55.97, -30.59, 6.47
CIE LCh	56, 31.267, 168.049
Yxy	23.8870, 0.2654, 0.3812
Android (android.graphics.Color)	4282815610 (0xFF46947A)
YUV	121.7140, 0.1410, -45.3532
Hunter-Lab	48.8744, -24.7990, 7.3458

Details

The YUV color $121.7140, 0.1410, -45.3532$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $96.2860, -0.1410, 45.3532$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.0730, -1.0220, -45.6680$, and $66.4570, 3.2257, -54.7748$ is the 20% darker color. If you saturate the color by 10%, you get $116.6590, 0.1681, -54.0749$, and if you desaturate by 10%, it is $126.7690, 0.1139, -36.6314$.

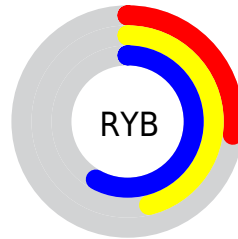
Distribution



Red (27%)

Green (58%)

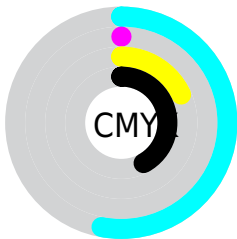
Blue (48%)



Red (27%)

Yellow (46%)

Blue (58%)

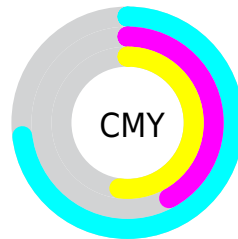


Cyan (53%)

Magenta (0%)

Yellow (18%)

Black (42%)



Cyan (73%)

Magenta (42%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.7140, 0.1410, -45.3532 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 121.7140, 0.1410, -45.3532 by changing the saturation by 10% instead.

■ 121.7140, 0.1410,
-45.3532

■ 121.7140, 0.1410,
-45.3532

■ 255.0000, 0.0000,
0.0000

■ 95.2300, 0.8726,
-46.6827

■ 176.0730, -1.0220,
-45.6680

■ 66.4570, 3.2257,
-54.7748

■ 203.7740, -0.8746,
-46.2828

■ 48.0780, 1.4405,
-42.1644

■ 229.4260, 0.2830,
-44.2236

■ 32.1830, -1.0762,
-28.2245

■ 240.9470, 6.9281,
-28.8945

■ 17.5930, -6.2083,
-15.4291

■ 249.6180, 2.6533,
-11.0660

■ 0.0000, 0.0000,
0.0000

■ 121.7140, 0.1410,
-45.3532

■ 121.7140, 0.1410,
-45.3532

■ 116.6590, 0.1681,
-54.0749

■ 126.7690, 0.1139,
-36.6314

■ 111.6040, 0.1952,
-62.7967

■ 131.8240, 0.0868,
-27.9096

■ 106.8480, 0.0749,
-70.9037

■ 136.5800, 0.2071,
-19.8027

■ 101.7930, 0.1021,
-79.6255

■ 141.6350, 0.1799,
-11.0809

■ 98.1620, 0.4131,
-86.0881

■ 146.6900, 0.1528,
-2.3591

■ 151.7450, 0.1257,
6.3626

■ 156.8000, 0.0986,
15.0844

■ 161.4420, -0.2179,

23.2914

■ 166.4970, -0.2450,
32.0131

Harmonies

Analogous

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



126.9810, -14.7806, -19.2773



121.7140, 0.1410, -45.3532



114.1310, 17.6834, -72.0289

Triad

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



121.7140, 0.1410, -45.3532



134.2800, 25.4980, -11.6466



135.0900, -19.7644, 39.3861

Complementary

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



121.7140, 0.1410, -45.3532



96.2860, -0.1410, 45.3532

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.



136.3970, -8.5767, 44.3788



121.7140, 0.1410, -45.3532



137.7630, 16.3858, 17.7478

Square

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



121.7140, 0.1410, -45.3532



126.2220, 29.9636, -44.0447



137.3820, 4.2487, 37.3760



133.3950, -25.8307, 25.0866

Rectangle

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



121.7140, 0.1410, -45.3532



111.3070, 27.4566, -80.0762



137.3820, 4.2487, 37.3760



135.3230, -16.4282, 42.6897

Sweetspot

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



121.7140, 0.1410, -45.3532



180.8900, 0.0542, -17.4435



123.5600, -26.4051, -24.1701



90.6350, 0.1799, -11.0809



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



121.7140, 0.1410, -45.3532



150.5600, 0.2169, -69.7741



117.0470, 15.2598, -41.2602



71.5650, -0.2785, -4.0035



91.4940, 0.2495, -80.2402



6.6680, 0.1637, -5.8478

Inverse Universe

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



96.2860, -0.1410, 45.3532



111.4400, -0.2169, 69.7741



100.9530, -15.2598, 41.2602



69.3210, -0.1583, 4.1035



46.5060, -0.2495, 80.2402



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 121.7140, 0.1410, -45.3532 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 121.7140, 0.1410, -45.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

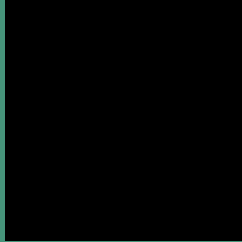
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.7140, 0.1410, -45.3532

Background



This preview shows how black text looks on a background with the YUV color 121.7140, 0.1410, -45.3532.

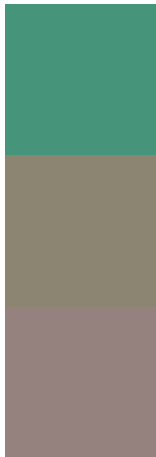


This preview shows how white text looks on a background with the YUV color 121.7140, 0.1410,

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

121.7140, 0.1410, -45.3532

Protanopia

132.9270, -9.3310, 6.2030

Deuteranopia

134.6380, -4.2585, 12.5955



Tritanopia

125.5310, 14.5282, -39.9307

Trichromacy



Original Color

121.7140, 0.1410, -45.3532

Protanomaly

128.7290, -5.7824, -12.0403

Deuteranomaly

129.9620, -2.4463, -8.7367

Tritanomaly

124.1410, 9.2975, -42.2197

Monochromacy



Original Color

121.7140, 0.1410, -45.3532

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.6020, 0.1962, -16.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.7140, 0.1410, -45.3532 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(70, 148, 122)` looks like.

```
.text, #text, p{  
    color:rgb(70, 148, 122)  
}
```

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(70, 148, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 148, 122) }
```

Border

The CSS property to change the border of an element to YUV 121.7140, 0.1410, -45.3532 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(70, 148, 122) }
```


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

```
.border{ border-color:rgb(70, 148, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 148, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 148, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 148, 122);  
box-shadow:4px 4px 4px 4px rgb(70, 148,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 121.7140, 0.1410, -45.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 148, 122) }
```

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

```
.background{ background-color: rgb(70, 148,  
122) }
```

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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