

Converting Colors

YUV(123.1530, 4.3616,
-45.7382)

Have a look what the booklet for
YUV(123.1530, 4.3616, -45.7382)
contains.

YUV(123.1530, 4.3616, -45.7382)	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(123.1530, 4.3616,
-45.7382)**

Conversions

Conversions Part 1

Format	Color
Hex	479484
RGB	71, 148, 132
RGB Percent	28%, 58%, 52%
CMY	0.7216, 0.4196, 0.4824
CMYK	0.52, 0.00, 0.11, 0.42
HSL	168°, 35%, 43%
HSV	168°, 52%, 58%
XYZ	17.3533, 24.1853, 25.5834
YIQ	123.1530, -40.7560, -21.3000

Conversions

Conversions Part 2

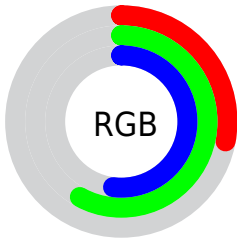
Format	Color
R_{YB}	71, 114, 148
Decimal	4691076
CIE _{Lab}	56.27, -27.87, 1.19
CIE _{LCh}	56, 27.896, 177.545
Yxy	24.1853, 0.2585, 0.3603
Android (android.graphics.Color)	4282881156 (0xFF479484)
YUV	123.1530, 4.3616, -45.7382
Hunter-Lab	49.1786, -23.0765, 3.5815

Details

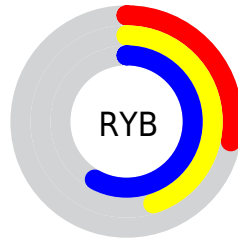
The YUV color **123.1530, 4.3616, -45.7382** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **95.8470, -4.3616, 45.7382**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0390, 3.9248, -45.6382**, and **67.5970, 7.5937, -55.7746** is the 20% darker color. If you saturate the color by 10%, you get **118.3260, 5.2623, -54.6599**, and if you desaturate by 10%, it is **127.9800, 3.4609, -36.8165**.

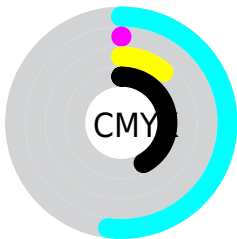
Distribution



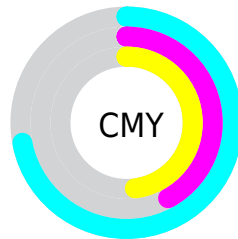
- Red (28%)
- Green (58%)
- Blue (52%)



- Red (28%)
- Yellow (45%)
- Blue (58%)



- Cyan (52%)
- Magenta (0%)
- Yellow (11%)
- Black (42%)



- Cyan (72%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1530, 4.3616, -45.7382 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 123.1530, 4.3616, -45.7382 by changing the saturation by 10% instead.

■ 123.1530, 4.3616,
-45.7382

■ 123.1530, 4.3616,
-45.7382

■ 255.0000, 0.0000,
0.0000

■ 96.6690, 5.0932,
-47.0677

■ 177.0390, 3.9248,
-45.6382

■ 67.5970, 7.5937,
-55.7746

■ 205.6260, 3.6354,
-46.1530

■ 49.6910, 5.0823,
-43.5790

■ 231.2780, 4.7929,
-44.0938

■ 33.0950, 2.4182,
-29.0243

■ 241.2460, 6.7807,
-28.2797

■ 19.5480, -1.2562,
-17.1436

■ 249.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 123.1530, 4.3616,
-45.7382

■ 123.1530, 4.3616,
-45.7382

■ 118.3260, 5.2623,
-54.6599

■ 127.9800, 3.4609,
-36.8165

■ 113.4990, 6.1630,
-63.5816

■ 132.8070, 2.5601,
-27.8947

■ 108.9710, 6.9163,
-71.8886

■ 137.3350, 1.8068,
-19.5878

■ 104.1440, 7.8170,
-80.8103

■ 142.1620, 0.9061,
-10.6661

■ 100.2140, 8.2755,
-87.8877


■ 146.9890, 0.0054,
-1.7444

■ 151.8160, -0.8953,
7.1774

■ 156.7570, -1.3592,
15.9991

■ 161.2850, -2.1125,

24.3061

 166.1120, -3.0132,
33.2278

Harmonies

Analogous

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



127.3270, -9.5282, -23.9658



123.1530, 4.3616, -45.7382



119.9090, 17.7929, -60.4332

Triad

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



123.1530, 4.3616, -45.7382



136.3800, 20.5187, -1.2103



135.3450, -19.8901, 33.0234

Complementary

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



123.1530, 4.3616, -45.7382



95.8470, -4.3616, 45.7382

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.



136.6800, -11.1812, 39.7456



123.1530, 4.3616, -45.7382



138.4170, 11.1334, 22.4363

Square

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



123.1530, 4.3616, -45.7382



131.4690, 25.4048, -28.4753



138.2310, -0.1139, 36.6314



133.6220, -23.4776, 16.9945

Rectangle

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



123.1530, 4.3616, -45.7382



121.5270, 23.8972, -58.3442



138.2310, -0.1139, 36.6314



135.9370, -17.7169, 36.0123

Sweetspot

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



123.1530, 4.3616, -45.7382



181.3460, 1.8014, -17.8434



121.2820, -24.7890, -29.1883



90.8630, 1.0535, -11.2809



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.



123.1530, 4.3616, -45.7382



152.9820, 6.9109, -70.1442



112.0630, 17.7169, -36.0123



71.6790, 0.1583, -4.1035



93.4320, 7.6750, -81.9399



6.7820, 0.6005, -5.9478

Inverse Universe

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



95.8470, -4.3616, 45.7382



111.0180, -6.9109, 70.1442



106.9370, -17.7169, 36.0123



69.2070, -0.5951, 4.2035



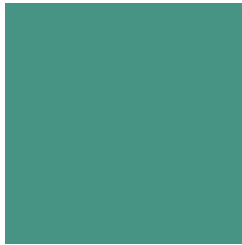
44.5680, -7.6750, 81.9399



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 123.1530, 4.3616, -45.7382 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 123.1530, 4.3616, -45.7382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

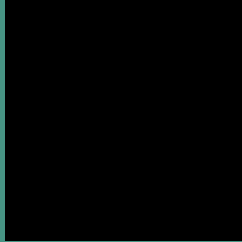
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.1530, 4.3616, -45.7382

Background



This preview shows how black text looks on a background with the YUV color 123.1530, 4.3616, -45.7382.



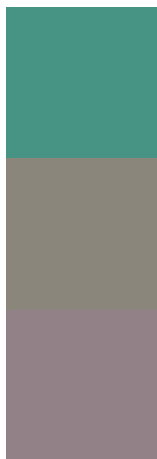
This preview shows how white text looks on a background with the YUV color 123.1530, 4.3616, -45.7382.

-45.7382.

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

123.1530, 4.3616, -45.7382

Protanopia

134.3550, -5.1050, 4.0737

Deuteranopia

135.4680, 0.2623, 9.2366



Tritanopia

126.5200, 14.5336, -41.6750

Trichromacy



Original Color

123.1530, 4.3616, -45.7382

Protanomaly

130.1570, -1.5564, -14.1697

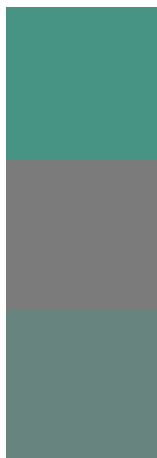
Deuteranomaly

131.3900, 1.7797, -10.8660

Tritanomaly

125.1840, 10.7553, -43.1344

Monochromacy



Original Color

123.1530, 4.3616, -45.7382

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9440, 1.5066, -16.6139

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1530, 4.3616, -45.7382 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(71, 148, 132)` looks like.

```
.text, #text, p{  
    color:rgb(71, 148, 132)  
}
```

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(71, 148, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 148, 132) }
```

Border

The CSS property to change the border of an element to YUV 123.1530, 4.3616, -45.7382 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(71, 148, 132) }
```


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

```
.border{ border-color:rgb(71, 148, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 148, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 148, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 148, 132);  
box-shadow:4px 4px 4px 4px rgb(71, 148,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 123.1530, 4.3616, -45.7382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 148, 132) }
```

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

```
.background{ background-color: rgb(71, 148,  
132) }
```

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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