

Converting Colors

YUV(123.3300, 12.6553,
-45.8934)

Have a look what the booklet for
YUV(123.3300, 12.6553, -45.8934)
contains.

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Color

**YUV(123.3300, 12.6553,
-45.8934)**

Conversions

Conversions Part 1

Format	Color
Hex	479195
RGB	71, 145, 149
RGB Percent	28%, 57%, 58%
CMY	0.7216, 0.4314, 0.4157
CMYK	0.52, 0.03, 0.00, 0.42
HSL	183°, 35%, 43%
HSV	183°, 52%, 58%
XYZ	18.1487, 23.7603, 32.0634
YIQ	123.3300, -45.3880, -14.4440

Conversions

Conversions Part 2

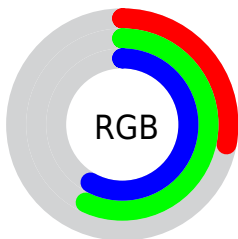
Format	Color
R _Y B	71, 109, 149
Decimal	4690325
CIE Lab	55.85, -21.76, -9.19
CIE LCh	56, 23.624, 202.882
Yxy	23.7603, 0.2453, 0.3212
Android (android.graphics.Color)	4282880405 (0xFF479195)
YUV	123.3300, 12.6553, -45.8934
Hunter-Lab	48.7446, -18.8432, -4.8789

Details

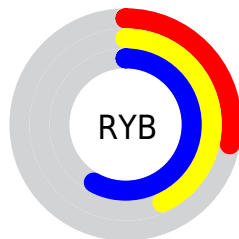
The YUV color **123.3300, 12.6553, -45.8934** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **96.6700, -12.6553, 45.8934**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6290, 12.5079, -45.2786**, and **66.3500, 15.6035, -58.1889** is the 20% darker color. If you saturate the color by 10%, you get **118.2580, 15.1558, -54.6003**, and if you desaturate by 10%, it is **128.4020, 10.1548, -37.1866**.

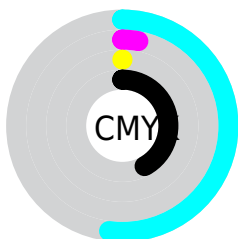
Distribution



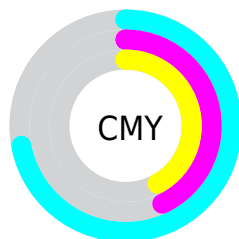
- Red (28%)
- Green (57%)
- Blue (58%)



- Red (28%)
- Yellow (43%)
- Blue (58%)



- Cyan (52%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (72%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3300, 12.6553, -45.8934 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 123.3300, 12.6553, -45.8934 by changing the saturation by 10% instead.

■ 123.3300, 12.6553,
-45.8934

■ 123.3300, 12.6553,
-45.8934

■ 255.0000, 0.0000,
0.0000

■ 96.4330, 13.0975,
-47.7377

■ 177.6290, 12.5079,
-45.2786

■ 66.3500, 15.6035,
-58.1889

■ 205.6290, 12.5079,
-45.2786

■ 49.6400, 12.5025,
-43.5343

■ 233.1730, 10.7607,
-44.8787

■ 33.5170, 9.1121,
-29.3944

■ 241.5450, 6.6333,
-27.6650

■ 19.9700, 5.4378,
-17.5137

■ 250.5150, 2.2111,
-9.2217

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,

0.0000

■ 123.3300, 12.6553,
-45.8934

■ 123.3300, 12.6553,
-45.8934

■ 118.2580, 15.1558,
-54.6003

■ 128.4020, 10.1548,
-37.1866

■ 113.1860, 17.6563,
-63.3071

■ 133.4740, 7.6543,
-28.4797

■ 108.7010, 19.8674,
-72.5288

■ 137.9590, 5.4432,
-19.2580

■ 103.6290, 22.3679,
-81.2356

■ 143.0310, 2.9427,
-10.5512

■ 99.7530, 24.2788,
-87.4834

■ 148.1030, 0.4422,
-1.8443

■ 152.8760, -1.9109,
6.2477

■ 157.3610, -4.1220,
15.4694

■ 162.4330, -6.6225,
24.1763

■ 167.5050, -9.1230,
32.8831

Harmonies

Analogous

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



125.4210, 1.2714, -34.5722



123.3300, 12.6553, -45.8934



125.0020, 20.2120, -42.9748

Triad

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



123.3300, 12.6553, -45.8934



136.6720, 11.0077, 16.0737



133.2460, -19.8413, 17.3243

Complementary

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



123.3300, 12.6553, -45.8934



96.6700, -12.6553, 45.8934

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.



134.6480, -16.0955, 29.2497



123.3300, 12.6553, -45.8934



136.9420, 1.5076, 29.8689

Square

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



123.3300, 12.6553, -45.8934



134.6740, 17.9087, -4.0991



135.7440, -8.2548, 34.4275



130.8310, -17.1717, 1.0252

Rectangle

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



123.3300, 12.6553, -45.8934



128.4100, 21.4899, -32.8086



135.7440, -8.2548, 34.4275



133.5070, -18.9840, 22.3574

Sweetspot

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



123.3300, 12.6553, -45.8934



183.5570, 5.1484, -18.0285



117.2420, -20.8253, -40.5542



90.7320, 3.0901, -11.1660



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.



123.3300, 12.6553, -45.8934



154.0000, 19.7200, -71.9140



100.4370, 23.9416, -25.8162



71.9070, 1.0318, -4.3034



92.6290, 22.3679, -81.2356



7.0100, 1.4741, -6.1478

Inverse Universe

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



102.7580, 20.8253, 40.5542



121.7020, 32.6849, 63.4053



119.5630, -23.9416, 25.8162



69.8910, 2.0257, 3.6036



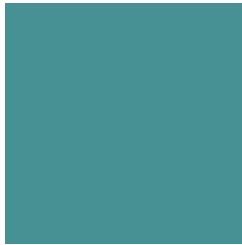
56.1960, 36.8784, 71.7421



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 123.3300, 12.6553, -45.8934 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 123.3300, 12.6553, -45.8934 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

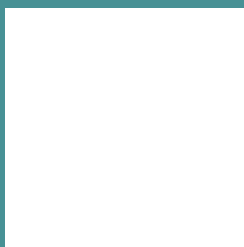
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.3300, 12.6553, -45.8934

Background



This preview shows how black text looks on a background with the YUV color 123.3300, 12.6553, -45.8934.



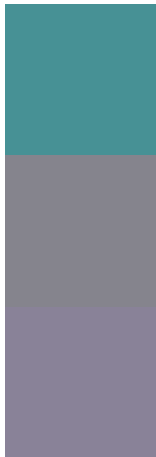
This preview shows how white text looks on a background with the YUV color 123.3300, 12.6553, -45.8934.

-45.8934.

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

123.3300, 12.6553, -45.8934

Protanopia

133.3250, 3.7838, -0.2850

Deuteranopia

134.6010, 8.5777, 2.1039



Tritanopia

124.1390, 15.7075, -44.8489

Trichromacy



Original Color

123.3300, 12.6553, -45.8934

Protanomaly

129.7250, 7.0376, -17.2988

Deuteranomaly

130.2460, 10.2317, -15.1247

Tritanomaly

123.4980, 14.5445, -45.1637

Monochromacy



Original Color

123.3300, 12.6553, -45.8934

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0410, 4.4168, -16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3300, 12.6553, -45.8934 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, 145, 149)` looks like.

```
.text, #text, p{  
    color:rgb(71, 145, 149)  
}
```

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, 145, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 145, 149) }
```

Border

The CSS property to change the border of an element to YUV 123.3300, 12.6553, -45.8934 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, 145, 149) }
```


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

```
.border{ border-color:rgb(71, 145, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 145, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 145, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 145, 149);  
box-shadow:4px 4px 4px 4px rgb(71, 145,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 123.3300, 12.6553, -45.8934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 145, 149) }
```

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

```
.background{ background-color: rgb(71, 145,  
149) }
```

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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