

Converting Colors

YUV(122.5020, 15.0355,
-62.7073)

Have a look what the booklet for
YUV(122.5020, 15.0355, -62.7073)
contains.

YUV(122.5020, 15.0355, -62.7073)	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(122.5020, 15.0355,
-62.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	339999
RGB	51, 153, 153
RGB Percent	20%, 60%, 60%
CMY	0.8000, 0.4000, 0.4000
CMYK	0.67, 0.00, 0.00, 0.40
HSL	180°, 50%, 40%
HSV	180°, 67%, 60%
XYZ	18.5062, 25.7862, 34.1388
YIQ	122.5020, -60.7920, -21.6240

Conversions

Conversions Part 2

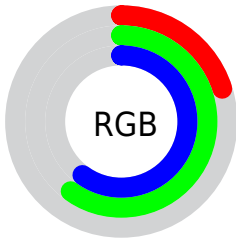
Format	Color
R_{YB}	51, 102, 153
Decimal	3381657
CIE _{Lab}	57.83, -28.45, -8.57
CIE _{LCh}	58, 29.712, 196.767
Yxy	25.7862, 0.2360, 0.3288
Android (android.graphics.Color)	4281571737 (0xFF339999)
YUV	122.5020, 15.0355, -62.7073
Hunter-Lab	50.7801, -23.8128, -4.3139

Details

The YUV color **122.5020, 15.0355, -62.7073** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **81.4980, -15.0355, 62.7073**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1820, 13.7143, -58.9186**, and **70.9150, 15.3249, -62.1925** is the 20% darker color. If you saturate the color by 10%, you get **118.0170, 17.2466, -71.9289**, and if you desaturate by 10%, it is **126.9870, 12.8244, -53.4856**.

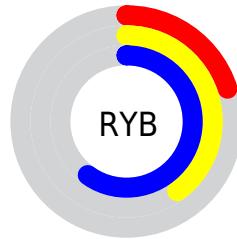
Distribution



Red (20%)

Green (60%)

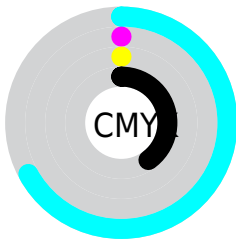
Blue (60%)



Red (20%)

Yellow (40%)

Blue (60%)

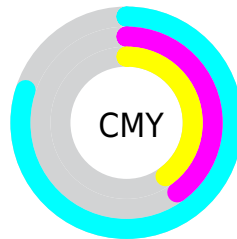


Cyan (67%)

Magenta (0%)

Yellow (0%)

Black (40%)



Cyan (80%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.5020, 15.0355, -62.7073 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 122.5020, 15.0355, -62.7073 by changing the saturation by 10% instead.

■ 122.5020, 15.0355,
-62.7073

■ 122.5020, 15.0355,
-62.7073

■ 255.0000, 0.0000,
0.0000

■ 89.6250, 18.4259,
-76.8471

■ 179.1820, 13.7143,
-58.9186

■ 70.9150, 15.3249,
-62.1925

■ 207.1820, 13.7143,
-58.9186

■ 54.0910, 11.7871,
-47.4378

■ 229.2860, 12.6770,
-52.8708

■ 37.9680, 8.3968,
-33.2979

■ 237.9570, 8.4022,
-35.0423

■ 23.8340, 5.0118,
-20.9024

■ 246.9270, 3.9800,
-16.5990

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 122.5020, 15.0355,
-62.7073

■ 122.5020, 15.0355,
-62.7073

■ 118.0170, 17.2466,
-71.9289

■ 126.9870, 12.8244,
-53.4856

■ 113.2330, 19.6051,
-81.7653

■ 131.7710, 10.4659,
-43.6492

■ 108.7480, 21.8162,
-90.9870

■ 136.2560, 8.2548,
-34.4275

■ 107.2530, 22.5533,
-94.0609

■ 140.7410, 6.0437,
-25.2059

■ 145.5250, 3.6852,
-15.3694

■ 150.0100, 1.4741,
-6.1478

■ 154.4950, -0.7370,
3.0739

■ 158.9800, -2.9481,
12.2955

■ 163.7640, -5.3067,
22.1320

Harmonies

Analogous

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



127.8070, -0.8909, -41.0497



122.5020, 15.0355, -62.7073



123.3520, 25.9555, -65.2067

Triad

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



122.5020, 15.0355, -62.7073



142.3390, 16.1019, 15.4887



138.1500, -24.2309, 25.3015

Complementary

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



122.5020, 15.0355, -62.7073



81.4980, -15.0355, 62.7073

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.



140.0190, -18.7434, 38.5713



122.5020, 15.0355, -62.7073



142.4850, 4.6909, 35.5317

Square

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



122.5020, 15.0355, -62.7073



138.9380, 24.1876, -11.3466



140.9130, -7.8451, 43.0493



135.9580, -23.1503, 5.2988

Rectangle

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



122.5020, 15.0355, -62.7073



128.7220, 28.2381, -50.6222



140.9130, -7.8451, 43.0493



138.8240, -23.0842, 30.8494

Sweetspot

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



122.5020, 15.0355, -62.7073



187.0400, 5.8963, -24.5911



110.8740, -29.5179, -52.5095



92.1230, 3.3904, -14.1399



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



122.5020, 15.0355, -62.7073



151.4590, 23.4377, -97.7495



92.5650, 29.7945, -36.4525



74.6080, 1.1793, -4.9182



98.1400, 20.6370, -86.0688



9.1130, 1.9163, -7.9921

Inverse Universe

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



93.1260, 29.5179, 52.5095



105.6670, 46.0132, 81.8530



111.4350, -29.7945, 36.4525



72.3040, 2.3151, 4.1184



57.8200, 40.5147, 72.0719



5.3690, 3.7621, 6.6924

Previews

White Background



This preview shows how the YUV color 122.5020, 15.0355, -62.7073 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 122.5020, 15.0355, -62.7073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

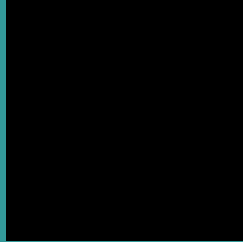
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.5020, 15.0355, -62.7073

Background



This preview shows how black text looks on a background with the YUV color 122.5020, 15.0355, -62.7073.

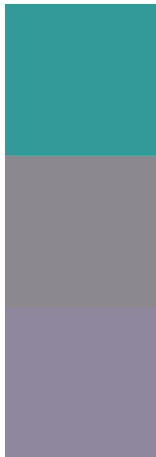


This preview shows how white text looks on a background with the YUV color 122.5020, 15.0355,

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

122.5020, 15.0355, -62.7073

Protanopia

138.2820, 2.3260, 0.6297

Deuteranopia

139.9000, 8.4303, 2.7187



Tritanopia

124.3760, 19.5346, -59.0888

Trichromacy



Original Color

122.5020, 15.0355, -62.7073

Protanomaly

132.6920, 7.0538, -22.5319

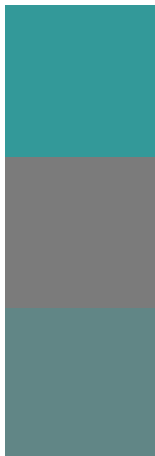
Deuteranomaly

134.0280, 10.8322, -21.0726

Tritanomaly

123.9090, 17.7929, -60.4332

Monochromacy



Original Color

122.5020, 15.0355, -62.7073

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9370, 5.4541, -22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.5020, 15.0355, -62.7073 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(51, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(51, 153, 153)  
}
```

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(51, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 153, 153) }
```

Border

The CSS property to change the border of an element to YUV 122.5020, 15.0355, -62.7073 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(51, 153, 153) }
```


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

```
.border{ border-color:rgb(51, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(51, 153,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 122.5020, 15.0355, -62.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 153, 153) }
```

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

```
.background{ background-color: rgb(51, 153,  
153) }
```

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