

Converting Colors

YUV(111.5020, 15.0355,
-62.7073)

Have a look what the booklet for
YUV(111.5020, 15.0355, -62.7073)
contains.

YUV(111.5020, 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(111.5020, 15.0355,
-62.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	288E8E
RGB	40, 142, 142
RGB Percent	16%, 56%, 56%
CMY	0.8431, 0.4431, 0.4431
CMYK	0.72, 0.00, 0.00, 0.44
HSL	180°, 56%, 36%
HSV	180°, 72%, 56%
XYZ	15.4306, 21.7501, 28.9761
YIQ	111.5020, -60.7920, -21.6240

Conversions

Conversions Part 2

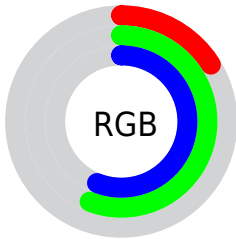
Format	Color
RYB	40, 91, 142
Decimal	2657934
CIELab	53.76, -27.93, -8.37
CIELCh	54, 29.157, 196.676
Yxy	21.7501, 0.2332, 0.3288
Android (android.graphics.Color)	4280848014 (0xFF288E8E)
YUV	111.5020, 15.0355, -62.7073
Hunter-Lab	46.6370, -22.5554, -4.1916

Details

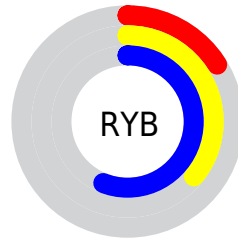
The YUV color **111.5020, 15.0355, -62.7073** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **70.4980, -15.0355, 62.7073**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8940, 13.8563, -57.7890**, and **63.9050, 13.8508, -56.0447** is the 20% darker color. If you saturate the color by 10%, you get **107.3160, 17.0992, -71.3141**, and if you desaturate by 10%, it is **115.6880, 12.9718, -54.1004**.

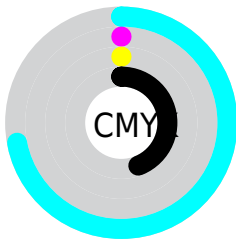
Distribution



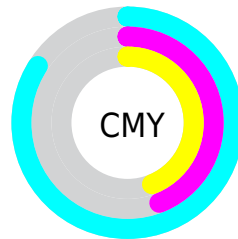
- Red (16%)
- Green (56%)
- Blue (56%)



- Red (16%)
- Yellow (36%)
- Blue (56%)



- Cyan (72%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5020, 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 111.5020, 15.0355, -62.7073 by changing the saturation by 10% instead.

■ 111.5020, 15.0355,
-62.7073

■ 111.5020, 15.0355,
-62.7073

■ 255.0000, 0.0000,
0.0000

■ 81.3160, 17.0992,
-71.3141

■ 167.8940, 13.8563,
-57.7890

■ 63.9050, 13.8508,
-56.0447

■ 196.1930, 13.7089,
-57.1743

■ 47.0810, 10.3131,
-41.2900

■ 224.7800, 13.4195,
-57.6891

■ 31.0720, 7.3595,
-27.2501

■ 234.9670, 9.8763,
-41.1901

■ 15.8780, 4.9901,
-13.9250

■ 243.6380, 5.6015,
-23.3615

■ 0.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,

-4.9182

■ 111.5020, 15.0355,
-62.7073

■ 111.5020, 15.0355,
-62.7073

■ 107.3160, 17.0992,
-71.3141

■ 115.6880, 12.9718,
-54.1004

■ 103.1300, 19.1629,
-79.9210

■ 119.8740, 10.9081,
-45.4935

■ 99.5420, 20.9318,
-87.2983

■ 124.3590, 8.6970,
-36.2718

■ 128.5450, 6.6333,
-27.6650

■ 132.7310, 4.5696,
-19.0581

■ 136.9170, 2.5059,
-10.4512

■ 141.1030, 0.4422,
-1.8443

■ 145.5880, -1.7689,
7.3773

■ 149.7740, -3.8326,
15.9842

Harmonies

Analogous

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



117.2200, -0.6015, -40.5349



111.5020, 15.0355, -62.7073



111.9390, 25.6661, -65.7215

Triad

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



111.5020, 15.0355, -62.7073



131.8120, 15.3757, 15.0739



127.6660, -23.4993, 23.9719

Complementary

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



111.5020, 15.0355, -62.7073



70.4980, -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.



129.5350, -18.0118, 37.2418



111.5020, 15.0355, -62.7073



131.7730, 4.5489, 34.4021

Square

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



111.5020, 15.0355, -62.7073



128.4110, 23.4614, -11.7614



130.9020, -7.8397, 41.3049



125.1860, -22.2767, 5.0989

Rectangle

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



111.5020, 15.0355, -62.7073



117.6080, 27.8013, -50.5222



130.9020, -7.8397, 41.3049



128.3400, -22.3526, 29.5198

Sweetspot

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



111.5020, 15.0355, -62.7073



171.7410, 6.0437, -25.2059



99.8740, -29.5179, -52.5095



84.8240, 3.5378, -14.7546



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



111.5020, 15.0355, -62.7073



136.7580, 23.2903, -97.1348



81.5650, 29.7945, -36.4525



68.9070, 1.0318, -4.3034



94.6350, 19.8999, -82.9949



5.6080, 1.1793, -4.9182

Inverse Universe

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



82.1260, 29.5179, 52.5095



91.2540, 45.7238, 81.3382



100.4350, -29.7945, 36.4525



66.8910, 2.0257, 3.6036



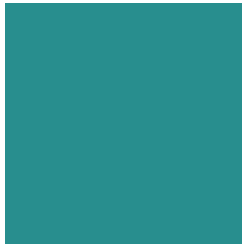
55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 111.5020, 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 111.5020, 15.0355, -62.7073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

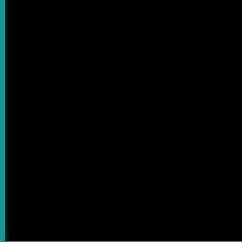
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.5020, 15.0355, -62.7073

Background



This preview shows how black text looks on a background with the YUV color 111.5020, 15.0355, -62.7073.

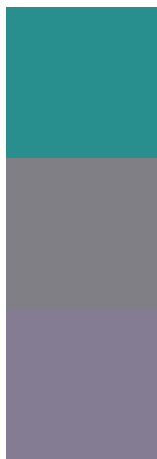


This preview shows how white text looks on a background with the YUV color 111.5020, 15.0355, -62.7073.

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

111.5020, 15.0355, -62.7073

Protanopia

127.9830, 2.4734, 0.0149

Deuteranopia

128.6010, 8.5777, 2.1039



Tritanopia

113.2620, 19.0978, -58.9888

Trichromacy



Original Color

111.5020, 15.0355, -62.7073

Protanomaly

121.6920, 7.0538, -22.5319

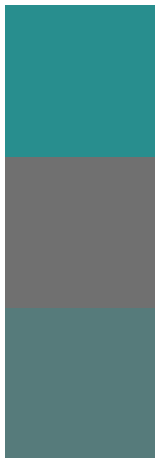
Deuteranomaly

122.7290, 10.9796, -21.6873

Tritanomaly

112.7950, 17.3561, -60.3332

Monochromacy



Original Color

111.5020, 15.0355, -62.7073

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9370, 5.4541, -22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5020, 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(40, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(40, 142, 142)  
}
```

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(40, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 142, 142) }
```

Border

The CSS property to change the border of an element to YUV 111.5020, 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(40, 142, 142) }
```


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

```
.border{ border-color:rgb(40, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(40, 142,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 111.5020, 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(40, 142, 142) }
```

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

```
.background{ background-color: rgb(40, 142,  
142) }
```

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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