

Converting Colors

YUV(121.9320, 12.8515,
-62.2074)

Have a look what the booklet for
YUV(121.9320, 12.8515, -62.2074)
contains.

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Color

**YUV(121.9320, 12.8515,
-62.2074)**

Conversions

Conversions Part 1

Format	Color
Hex	339994
RGB	51, 153, 148
RGB Percent	20%, 60%, 58%
CMY	0.8000, 0.4000, 0.4196
CMYK	0.67, 0.00, 0.03, 0.40
HSL	177°, 50%, 40%
HSV	177°, 67%, 60%
XYZ	18.1018, 25.6244, 32.0089
YIQ	121.9320, -59.1870, -23.1790

Conversions

Conversions Part 2

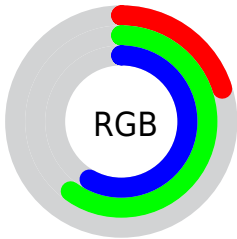
Format	Color
RYB	51, 103, 153
Decimal	3381652
CIELab	57.68, -29.91, -5.95
CIELCh	58, 30.496, 191.255
Yxy	25.6244, 0.2390, 0.3383
Android (android.graphics.Color)	4281571732 (0xFF339994)
YUV	121.9320, 12.8515, -62.2074
Hunter-Lab	50.6205, -24.7548, -2.0565

Details

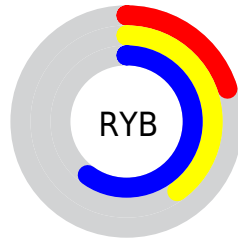
The YUV color **121.9320, 12.8515, -62.2074** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **82.0680, -12.8515, 62.2074**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3130, 11.6777, -59.0335**, and **70.3450, 13.1409, -61.6926** is the 20% darker color. If you saturate the color by 10%, you get **117.3330, 14.6258, -71.3290**, and if you desaturate by 10%, it is **126.5310, 11.0772, -53.0857**.

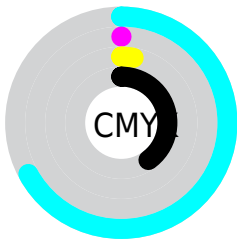
Distribution



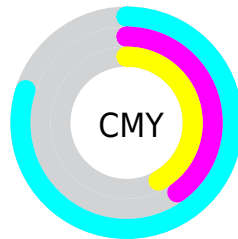
- Red (20%)
- Green (60%)
- Blue (58%)



- Red (20%)
- Yellow (40%)
- Blue (60%)



- Cyan (67%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (80%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.9320, 12.8515, -62.2074 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 121.9320, 12.8515, -62.2074 by changing the saturation by 10% instead.

121.9320, 12.8515,
-62.2074

121.9320, 12.8515,
-62.2074

255.0000, 0.0000,
0.0000

89.3540, 16.0945,
-75.7325

178.3130, 11.6777,
-59.0335

70.3450, 13.1409,
-61.6926

206.6120, 11.5303,
-58.4187

53.6350, 10.0399,
-47.0379

228.9870, 12.8244,
-53.4856

36.9250, 6.9390,
-32.3832

237.9570, 8.4022,
-35.0423

23.3780, 3.2646,
-20.5025

246.6280, 4.1274,
-17.2138

0.5700, 2.1840,
-0.4999

0.0000, 0.0000,

0.0000

■ 121.9320, 12.8515,
-62.2074

■ 121.9320, 12.8515,
-62.2074

■ 117.3330, 14.6258,
-71.3290

■ 126.5310, 11.0772,
-53.0857

■ 112.5490, 16.9843,
-81.1655

■ 131.4290, 9.1555,
-43.3492

■ 107.9500, 18.7586,
-90.2871

■ 135.9140, 6.9444,
-34.1276

■ 106.4550, 19.4957,
-93.3610

■ 140.5130, 5.1701,
-25.0059

■ 145.4110, 3.2484,
-15.2694

■ 150.0100, 1.4741,
-6.1478

■ 154.4950, -0.7370,
3.0739

■ 159.0940, -2.5113,
12.1956

■ 163.9920, -4.4331,
21.9320

Harmonies

Analogous

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



128.1340, -3.5171, -38.7055



121.9320, 12.8515, -62.2074



120.0200, 26.1191, -71.0545

Triad

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



121.9320, 12.8515, -62.2074



141.8870, 18.2967, 11.5001



138.0580, -24.6786, 28.8901

Complementary

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



121.9320, 12.8515, -62.2074



82.0680, -12.8515, 62.2074

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.



140.0840, -17.2964, 41.1453



121.9320, 12.8515, -62.2074



142.0440, 6.8803, 33.2874

Square

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



121.9320, 12.8515, -62.2074



137.7630, 26.2458, -18.2092



141.0810, -5.9559, 43.7790



135.9370, -24.6189, 9.7023

Rectangle

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



121.9320, 12.8515, -62.2074



125.6070, 29.2807, -58.4143



141.0810, -5.9559, 43.7790



138.6610, -22.5109, 33.6233

Sweetspot

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



121.9320, 12.8515, -62.2074



186.8120, 5.0227, -24.3911



112.3690, -30.2549, -49.4356



92.0090, 2.9536, -14.0399



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.



121.9320, 12.8515, -62.2074



150.5470, 19.9433, -96.9497



95.5000, 28.3475, -39.0265



74.4940, 0.7425, -4.8182



97.3420, 17.5794, -85.3689



8.9990, 1.4795, -7.8921

Inverse Universe

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



82.0680, -12.8515, 62.2074



88.4530, -19.9433, 96.9497



108.5000, -28.3475, 39.0265



71.3920, -1.1793, 4.9182



42.6580, -17.5794, 85.3689



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 121.9320, 12.8515, -62.2074 looks on a white background.

Color Contrast Check

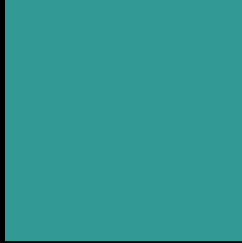
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.9320, 12.8515, -62.2074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

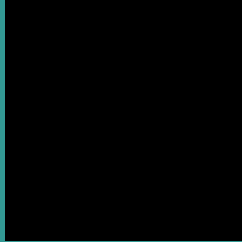
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.9320, 12.8515, -62.2074

Background



This preview shows how black text looks on a background with the YUV color 121.9320, 12.8515, -62.2074.

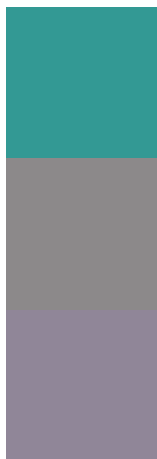


This preview shows how white text looks on a background with the YUV color 121.9320, 12.8515, -62.2074.

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

121.9320, 12.8515, -62.2074

Protanopia

138.0110, -0.0054, 1.7444

Deuteranopia

139.0420, 6.3883, 4.3482



Tritanopia

124.8600, 18.8030, -57.7592

Trichromacy



Original Color

121.9320, 12.8515, -62.2074

Protanomaly

132.4210, 4.7224, -21.4172

Deuteranomaly

132.8710, 8.9376, -20.0579

Tritanomaly

123.9800, 16.7719, -59.6185

Monochromacy



Original Color

121.9320, 12.8515, -62.2074

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7090, 4.5805, -22.5468

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9320, 12.8515, -62.2074 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(51, 153, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 153, 148) }
```

Border

The CSS property to change the border of an element to YUV 121.9320, 12.8515, -62.2074 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, 148) }
```


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

```
.border{ border-color:rgb(51, 153, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 153, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 153, 148);  
box-shadow:4px 4px 4px 4px rgb(51, 153,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 121.9320, 12.8515, -62.2074 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, 148) }
```

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

```
.background{ background-color: rgb(51, 153,  
148) }
```

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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