

# Converting Colors

YUV(120.4370, 17.0396,  
-52.1262)

Have a look what the booklet for  
YUV(120.4370, 17.0396, -52.1262)  
contains.

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# Color

**YUV(120.4370, 17.0396,  
-52.1262)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D909B
RGB	61, 144, 155
RGB Percent	24%, 56%, 61%
CMY	0.7608, 0.4353, 0.3922
CMYK	0.61, 0.07, 0.00, 0.39
HSL	187°, 44%, 42%
HSV	187°, 61%, 61%
XYZ	17.8141, 23.3052, 34.5698
YIQ	120.4370, -52.9990, -14.1750

# Conversions

## Conversions Part 2

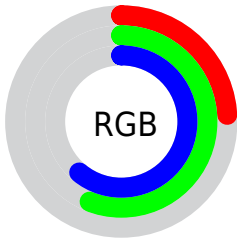
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 105, 155
Decimal	4034715
CIE <sub>Lab</sub>	55.39, -21.56, -13.36
CIE <sub>LCh</sub>	55, 25.361, 211.795
Yxy	23.3052, 0.2354, 0.3079
Android (android.graphics.Color)	4282224795 (0xFF3D909B)
YUV	120.4370, 17.0396, -52.1262
Hunter-Lab	48.2754, -18.6137, -8.6645

# Details

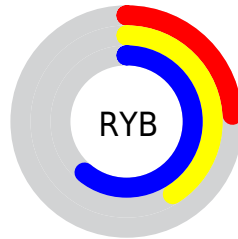
The YUV color **120.4370, 17.0396, -52.1262** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **95.5630, -17.0396, 52.1262**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3340, 16.5973, -50.2819**, and **66.4470, 18.5136, -58.2740** is the 20% darker color. If you saturate the color by 10%, you get **114.7780, 19.8294, -60.3183**, and if you desaturate by 10%, it is **126.3950, 14.1023, -43.3194**.

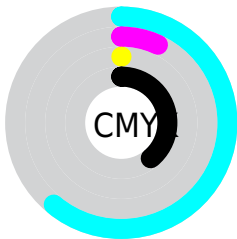
# Distribution



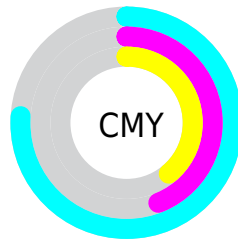
- Red (24%)
- Green (56%)
- Blue (61%)



- Red (24%)
- Yellow (41%)
- Blue (61%)



- Cyan (61%)
- Magenta (7%)
- Yellow (0%)
- Black (39%)



- Cyan (76%)
- Magenta (44%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 120.4370, 17.0396, -52.1262 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 120.4370, 17.0396, -52.1262 by changing the saturation by 10% instead.



■ 120.4370, 17.0396,  
-52.1262

■ 120.4370, 17.0396,  
-52.1262

■ 255.0000, 0.0000,  
0.0000

■ 92.0450, 18.2188,  
-57.0445

■ 175.3340, 16.5973,  
-50.2819

■ 66.4470, 18.5136,  
-58.2740

■ 203.4480, 17.0341,  
-50.3819

■ 49.6230, 14.9759,  
-43.5194

■ 231.0800, 11.7926,  
-49.1822

■ 34.0870, 11.2961,  
-29.8943

■ 239.4520, 7.6652,  
-31.9684

■ 20.4260, 7.1850,  
-17.9136

■ 248.4220, 3.2430,  
-13.5251

■ 2.0690, 5.3890,  
-1.8145

■ 0.0000, 0.0000,

0.0000

■ 120.4370, 17.0396,  
-52.1262

■ 120.4370, 17.0396,  
-52.1262

■ 114.7780, 19.8294,  
-60.3183

■ 126.3950, 14.1023,  
-43.3194

■ 108.8200, 22.7667,  
-69.1251

■ 132.0540, 11.3124,  
-35.1274

■ 103.7480, 25.2672,  
-77.8320

■ 137.4250, 8.6645,  
-25.8057

■ 98.0890, 28.0571,  
-86.0241

■ 143.0840, 5.8746,  
-17.6137

■ 149.0420, 2.9373,  
-8.8068

■ 154.7010, 0.1474,  
-0.6148

■ 160.6590, -2.7899,  
8.1921

■ 166.3180, -5.5798,  
16.3841

■ 171.6890, -8.2277,  
25.7057

# Harmonies

## Analogous

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



122.1040, 5.3717, -43.0642



120.4370, 17.0396, -52.1262



124.0990, 23.1222, -43.0598

# Triad

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



120.4370, 17.0396, -52.1262



136.4340, 8.6600, 22.4214



131.5830, -20.9934, 13.5207

# Complementary

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



120.4370, 17.0396, -52.1262



95.5630, -17.0396, 52.1262

# 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.



132.9530, -18.7108, 28.1052



120.4370, 17.0396, -52.1262



135.4650, -1.7082, 34.6722

# Square

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



120.4370, 17.0396, -52.1262



134.8920, 17.3082, 1.8487



134.5440, -11.6072, 36.3569



128.6130, -16.5712, -4.9226



# Rectangle

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



120.4370, 17.0396, -52.1262



128.8880, 23.2262, -29.7198



134.5440, -11.6072, 36.3569



131.9150, -21.1571, 19.3685

# Sweetspot

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



120.4370, 17.0396, -52.1262



187.8880, 6.4642, -20.0728



117.4320, -22.3980, -49.4909



93.6610, 4.1111, -11.9807



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



120.4370, 17.0396, -52.1262



147.0680, 26.5885, -81.6206



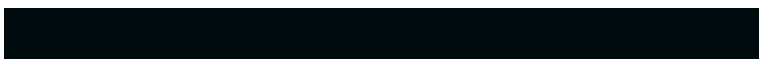
92.8480, 30.6409, -27.9307



74.0210, 1.4686, -4.4034



88.7480, 25.2672, -77.8320



7.9390, 2.4951, -6.9625



# Inverse Universe

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



98.5680, 22.3980, 49.4909



112.7730, 35.1149, 77.3751



123.1520, -30.6409, 27.9307



72.1900, 1.8783, 4.2184



55.9960, 33.5260, 73.6715

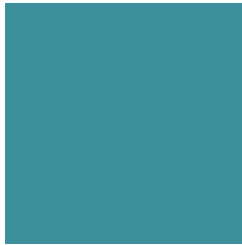


5.1410, 2.8885, 6.8923



# Previews

## White Background



This preview shows how the YUV color 120.4370, 17.0396, -52.1262 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 120.4370, 17.0396, -52.1262 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

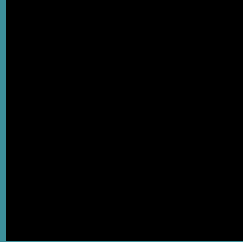
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 120.4370, 17.0396, -52.1262

## Background



This preview shows how black text looks on a background with the YUV color 120.4370, 17.0396, -52.1262.



This preview shows how white text looks on a background with the YUV color 120.4370, 17.0396, -52.1262.



# 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

120.4370, 17.0396, -52.1262

### Protanopia

132.5250, 7.1362, -2.2144

### Deuteranopia

133.2030, 12.2249, -1.0550



## Tritanopia

120.5510, 17.4764, -52.2262

# Trichromacy



## Original Color

120.4370, 17.0396, -52.1262

## Protanomaly

128.3270, 10.6848, -20.4578

## Deuteranomaly

128.2500, 14.1738, -19.5132

## Tritanomaly

120.5510, 17.4764, -52.2262

# Monochromacy



## Original Color

120.4370, 17.0396, -52.1262

## Achromatopsia

120.0000, 0.0000, 0.0000

## Achromatomaly

120.4860, 6.1694, -18.8432

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 120.4370, 17.0396, -52.1262 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(61, 144, 155)` looks like.

```
.text, #text, p{  
    color:rgb(61, 144, 155)  
}
```

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(61, 144, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 144, 155) }
```

## Border

The CSS property to change the border of an element to YUV 120.4370, 17.0396, -52.1262 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(61, 144, 155) }
```



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

```
.border{ border-color:rgb(61, 144, 155) }
```

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

Here you see how a box with a 4 pixel rgb(61, 144, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 144, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 144, 155);  
box-shadow:4px 4px 4px 4px rgb(61, 144,  
155) }
```

# Background

The CSS property to change the background color of an element to YUV 120.4370, 17.0396, -52.1262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 144, 155) }
```

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

```
.background{ background-color: rgb(61, 144,  
155) }
```

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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