

Converting Colors

YUV(167.3620, -2.6435,
-38.9055)

Have a look what the booklet for
YUV(167.3620, -2.6435, -38.9055)
contains.

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Color

**YUV(167.3620, -2.6435,
-38.9055)**

Conversions

Conversions Part 1

Format	Color
Hex	7BBFA2
RGB	123, 191, 162
RGB Percent	48%, 75%, 64%
CMY	0.5176, 0.2510, 0.3647
CMYK	0.36, 0.00, 0.15, 0.25
HSL	154°, 35%, 62%
HSV	154°, 36%, 75%
XYZ	33.3208, 44.0812, 40.9348
YIQ	167.3620, -31.2190, -23.4350

Conversions

Conversions Part 2

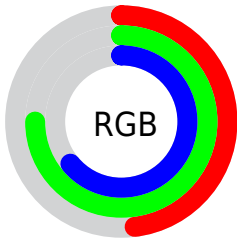
Format	Color
RYB	123, 166, 191
Decimal	8109986
CIELab	72.28, -27.97, 7.86
CIELCh	72, 29.057, 164.296
Yxy	44.0812, 0.2816, 0.3725
Android (android.graphics.Color)	4286300066 (0xFF7BBFA2)
YUV	167.3620, -2.6435, -38.9055
Hunter-Lab	66.3937, -26.6057, 9.9206

Details

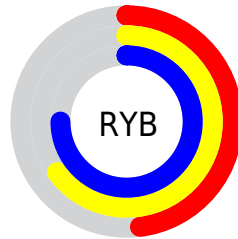
The YUV color **167.3620, -2.6435, -38.9055** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **146.6380, 2.6435, 38.9055**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5360, -3.2222, -39.9351**, and **113.8890, -1.9173, -38.4907** is the 20% darker color. If you saturate the color by 10%, you get **160.7690, -3.3371, -49.7864**, and if you desaturate by 10%, it is **173.9550, -1.9498, -28.0245**.

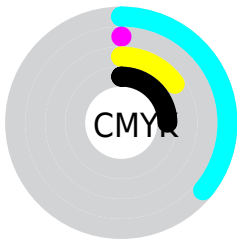
Distribution



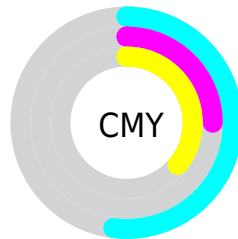
- Red (48%)
- Green (75%)
- Blue (64%)



- Red (48%)
- Yellow (65%)
- Blue (75%)



- Cyan (36%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)



- Cyan (52%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.3620, -2.6435, -38.9055 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 167.3620, -2.6435, -38.9055 by changing the saturation by 10% instead.

 167.3620, -2.6435,
-38.9055


 167.3620, -2.6435,
-38.9055


255.0000, 0.0000,
0.0000


 140.7750, -2.3541,
-38.3907


 223.5360, -3.2222,
-39.9351


 113.8890, -1.9173,
-38.4907


 239.2090, 2.8550,
-29.1243

 88.1170, -1.0437,
-38.6906

 249.0200, 2.9481,
-12.2955

 62.1380, 0.4250,
-43.0940

 41.6550, -0.3229,
-36.5314

 25.7600, -2.8397,
-22.5915

 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 167.3620, -2.6435,
-38.9055

■ 167.3620, -2.6435,
-38.9055

■ 160.7690, -3.3371,
-49.7864

■ 173.9550, -1.9498,
-28.0245

■ 154.1760, -4.0308,
-60.6674

■ 180.5480, -1.2562,
-17.1436

■ 147.5830, -4.7244,
-71.5483

■ 187.1410, -0.5625,
-6.2627

■ 140.8760, -5.8549,
-82.3293

■ 193.8480, 0.5679,
4.5183

■ 134.2830, -6.5485,
-93.2102

■ 200.7400, 1.1142,
16.0140

■ 127.3910, -7.0948,
-104.7059

■ 207.3330, 1.8078,
26.8950

■ 124.6570, -7.2259,
-109.3242

■ 213.3280, 2.7963,
36.5463

■ 214.2400, 6.2907,
35.7465

■ 215.1520, 9.7851,
34.9467

Harmonies

Analogous

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



171.3620, -15.9545, -16.1035



167.3620, -2.6435, -38.9055



163.8510, 12.3985, -56.8743

Triad

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



167.3620, -2.6435, -38.9055



177.1550, 25.0666, -13.2909



178.7420, -18.6068, 41.4453

Complementary

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



167.3620, -2.6435, -38.9055



146.6380, 2.6435, 38.9055

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.



180.6250, -7.7031, 44.1789



167.3620, -2.6435, -38.9055



180.8550, 16.8335, 14.1592

Square

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



167.3620, -2.6435, -38.9055



171.0760, 28.0635, -41.2857



181.3000, 5.2751, 34.8169



177.3460, -24.8206, 27.7606

Rectangle

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



167.3620, -2.6435, -38.9055



164.0060, 20.7030, -60.5183



181.3000, 5.2751, 34.8169



179.3770, -14.9759, 43.5194

Sweetspot

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



167.3620, -2.6435, -38.9055



237.6730, -0.8248, -15.4992



171.5870, -23.9534, -17.1778



119.4180, -0.6991, -9.1366



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



167.3620, -2.6435, -38.9055



210.1760, -4.0308, -60.6674



167.7330, 11.4706, -39.2308



90.8530, -0.4205, -5.1331



103.1200, -5.9752, -90.4362



20.2490, -1.1088, -17.7584

Inverse Universe

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



146.6380, 2.6435, 38.9055



177.8240, 4.0308, 60.6674



146.2670, -11.4706, 39.2308



88.1470, 0.4205, 5.1331



54.8800, 5.9752, 90.4362



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 167.3620, -2.6435, -38.9055 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 167.3620, -2.6435, -38.9055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

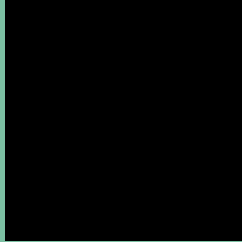
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.3620, -2.6435, -38.9055 Background



This preview shows how black text looks on a background with the YUV color 167.3620, -2.6435, -38.9055.



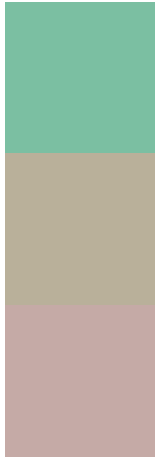
This preview shows how white text looks on a background with the YUV color 167.3620, -2.6435,

-38.9055.

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

167.3620, -2.6435, -38.9055

Protanopia

176.1830, -10.9362, 7.7325

Deuteranopia

177.6170, -5.7272, 16.9989



Tritanopia

171.4500, 14.0752, -34.5976

Trichromacy



Original Color

167.3620, -2.6435, -38.9055

Protanomaly

172.5830, -7.6824, -9.2813

Deuteranomaly

174.1260, -4.4991, -3.6185

Tritanomaly

170.1310, 7.8234, -36.0719

Monochromacy



Original Color

167.3620, -2.6435, -38.9055

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.2710, -1.1196, -14.2697

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.3620, -2.6435, -38.9055 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(123, 191, 162)` looks like.

```
.text, #text, p{  
    color:rgb(123, 191, 162)  
}
```

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(123, 191, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 191, 162) }
```

Border

The CSS property to change the border of an element to YUV 167.3620, -2.6435, -38.9055 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(123, 191, 162) }
```


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

```
.border{ border-color:rgb(123, 191, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 191, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 191, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 191, 162);  
box-shadow:4px 4px 4px 4px rgb(123, 191,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 167.3620, -2.6435, -38.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 191, 162) }
```

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

```
.background{ background-color: rgb(123,  
191, 162) }
```

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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