

Converting Colors

YUV(166.4620, 9.1392,
-38.1162)

Have a look what the booklet for
YUV(166.4620, 9.1392, -38.1162)
contains.

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Color

**YUV(166.4620, 9.1392,
-38.1162)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB9B9
RGB	123, 185, 185
RGB Percent	48%, 73%, 73%
CMY	0.5176, 0.2745, 0.2745
CMYK	0.34, 0.00, 0.00, 0.27
HSL	180°, 31%, 60%
HSV	180°, 34%, 73%
XYZ	34.2743, 42.4117, 52.2788
YIQ	166.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

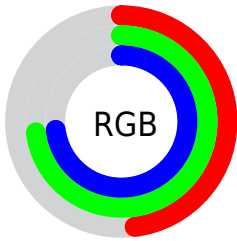
Format	Color
R_{YB}	123, 154, 185
Decimal	8108473
CIE _{Lab}	71.15, -19.77, -6.34
CIE _{LCh}	71, 20.768, 197.788
Yxy	42.4117, 0.2658, 0.3289
Android (android.graphics.Color)	4286298553 (0xFF7BB9B9)
YUV	166.4620, 9.1392, -38.1162
Hunter-Lab	65.1242, -20.0245, -2.0083

Details

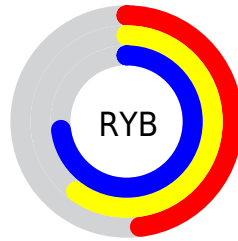
The YUV color $166.4620, 9.1392, -38.1162$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $141.5380, -9.1392, 38.1162$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.1630, 9.2866, -38.7310$, and $113.4620, 9.1392, -38.1162$ is the 20% darker color. If you saturate the color by 10%, you get $161.0800, 11.7926, -49.1822$, and if you desaturate by 10%, it is $172.1430, 6.3385, -26.4354$.

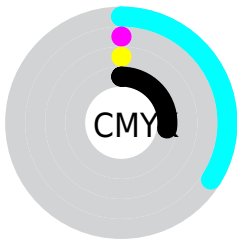
Distribution



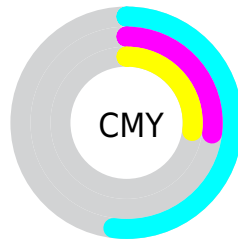
- Red (48%)
- Green (73%)
- Blue (73%)



- Red (48%)
- Yellow (60%)
- Blue (73%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (52%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4620, 9.1392, -38.1162 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 166.4620, 9.1392, -38.1162 by changing the saturation by 10% instead.

■ 166.4620, 9.1392,
-38.1162

■ 166.4620, 9.1392,
-38.1162

255.0000, 0.0000,
0.0000

■ 139.4620, 9.1392,
-38.1162

■ 222.1630, 9.2866,
-38.7310

■ 113.4620, 9.1392,
-38.1162

■ 240.3490, 7.2229,
-30.1241

■ 87.2770, 9.7234,
-38.8309

■ 249.0200, 2.9481,
-12.2955

■ 60.8850, 10.9027,
-43.7491

■ 41.4730, 9.1338,
-36.3718

■ 26.0510, 5.8909,
-22.8467

■ 7.3350, 5.2578,

-6.4328

■ 0.0000, 0.0000,
0.0000

■ 166.4620, 9.1392,
-38.1162

■ 166.4620, 9.1392,
-38.1162

■ 161.0800, 11.7926,
-49.1822

■ 172.1430, 6.3385,
-26.4354

■ 155.3990, 14.5933,
-60.8629

■ 177.5250, 3.6852,
-15.3694

■ 150.0170, 17.2466,
-71.9289

■ 183.2060, 0.8844,
-3.6887

■ 144.3360, 20.0474,
-83.6097

■ 188.5880, -1.7689,
7.3773

■ 138.6550, 22.8481,
-95.2904

■ 194.2690, -4.5696,
19.0581

■ 133.2730, 25.5014,
-106.3564

■ 199.6510, -7.2229,
30.1241

■ 129.6850, 27.2703,
-113.7337

■ 205.3320,
-10.0237, 41.8048

■ 205.9300,
-10.3185, 43.0344

Harmonies

Analogous

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



167.8840, -0.9288, -28.8393



166.4620, 9.1392, -38.1162



167.8240, 16.8488, -37.5566

Triad

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



166.4620, 9.1392, -38.1162



177.3510, 11.1660, 11.9702



174.1260, -17.8101, 19.1835

Complementary

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



166.4620, 9.1392, -38.1162



141.5380, -9.1392, 38.1162

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.



175.5170, -14.0589, 29.3646



166.4620, 9.1392, -38.1162



177.8490, 2.5394, 25.5654

Square

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



166.4620, 9.1392, -38.1162



174.8370, 17.3354, -6.8730



177.0750, -6.9390, 32.3832



172.5540, -17.0351, 3.8991

Rectangle

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



166.4620, 9.1392, -38.1162



169.8510, 19.3005, -30.5643



177.0750, -6.9390, 32.3832



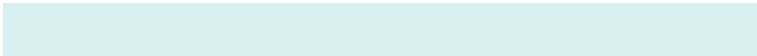
174.6750, -17.0948, 23.0870

Sweetspot

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



166.4620, 9.1392, -38.1162



232.8240, 3.5378, -14.7546



159.3940, -17.9422, -31.9175



115.5150, 2.2111, -9.2217



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



166.4620, 9.1392, -38.1162



211.2960, 14.1511, -59.0186



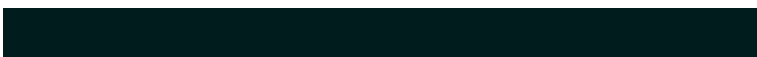
148.2650, 18.1104, -22.1574



89.3090, 1.3267, -5.5330



109.3560, 22.9955, -95.9052



19.6280, 4.1274, -17.2138

Inverse Universe

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



148.6060, 17.9422, 31.9175



183.6480, 27.7815, 49.4207



159.7350, -18.1104, 22.1574



86.7170, 2.6045, 4.6332



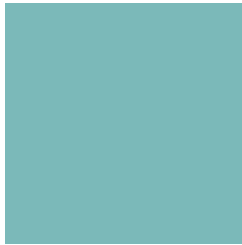
64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 166.4620, 9.1392, -38.1162 looks on a white background.

Color Contrast Check

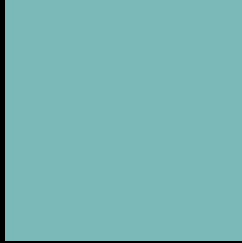
Large Text (above 18pt) WCAG AA × Fail

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 166.4620, 9.1392, -38.1162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

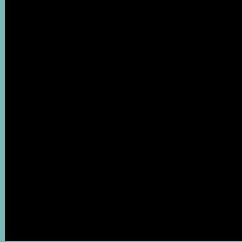
Any Text WCAG AA ✓ Pass

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 166.4620, 9.1392, -38.1162 Background



This preview shows how black text looks on a background with the YUV color 166.4620, 9.1392, -38.1162.



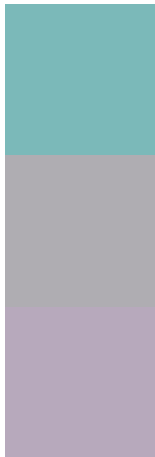
This preview shows how white text looks on a background with the YUV color 166.4620, 9.1392,

-38.1162.

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

166.4620, 9.1392, -38.1162

Protanopia

174.1680, 1.8892, 0.7297

Deuteranopia

175.3520, 6.2355, 6.7073



Tritanopia

167.6670, 14.9542, -36.5420

Trichromacy



Original Color

166.4620, 9.1392, -38.1162

Protanomaly

171.1770, 4.8427, -13.3102

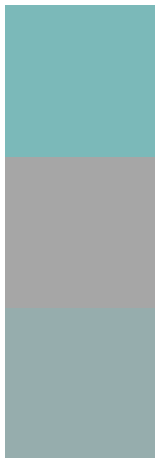
Deuteranomaly

172.1820, 7.3053, -9.8066

Tritanomaly

167.3850, 12.6282, -37.1716

Monochromacy



Original Color

166.4620, 9.1392, -38.1162

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4620, 9.1392, -38.1162 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, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(123, 185, 185)  
}
```

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, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 185, 185) }
```

Border

The CSS property to change the border of an element to YUV 166.4620, 9.1392, -38.1162 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, 185, 185) }
```


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

```
.border{ border-color:rgb(123, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(123, 185,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 166.4620, 9.1392, -38.1162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 185, 185) }
```

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

```
.background{ background-color: rgb(123,  
185, 185) }
```

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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