

Converting Colors

YUV(163.7170, 12.4645,
-31.3238)

Have a look what the booklet for
YUV(163.7170, 12.4645, -31.3238)
contains.

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Color

**YUV(163.7170, 12.4645,
-31.3238)**

Conversions

Conversions Part 1

Format	Color
Hex	80B1BD
RGB	128, 177, 189
RGB Percent	50%, 69%, 74%
CMY	0.4980, 0.3059, 0.2588
CMYK	0.32, 0.06, 0.00, 0.26
HSL	192°, 32%, 62%
HSV	192°, 32%, 74%
XYZ	33.8095, 39.7076, 54.0265
YIQ	163.7170, -33.0560, -6.6560

Conversions

Conversions Part 2

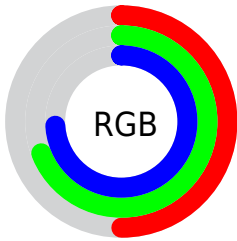
Format	Color
R _{YB}	128, 155, 189
Decimal	8434109
CIE _{Lab}	69.26, -13.23, -11.33
CIE _{LCh}	69, 17.422, 220.585
Yxy	39.7076, 0.2651, 0.3113
Android (android.graphics.Color)	4286624189 (0xFF80B1BD)
YUV	163.7170, 12.4645, -31.3238
Hunter-Lab	63.0140, -14.5020, -6.7239

Details

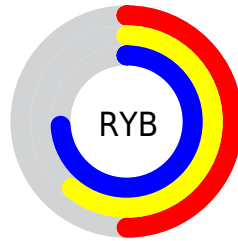
The YUV color $163.7170, 12.4645, -31.3238$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $153.2830, -12.4645, 31.3238$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.4180, 12.6119, -31.9386$, and $111.0160, 12.3171, -30.7090$ is the 20% darker color. If you saturate the color by 10%, you get $155.6880, 16.4228, -40.9454$, and if you desaturate by 10%, it is $171.7460, 8.5062, -21.7022$.

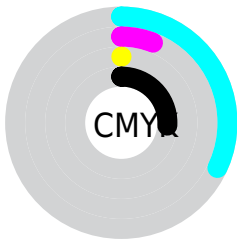
Distribution



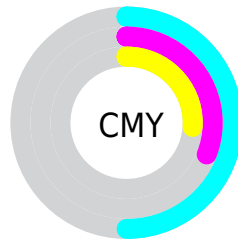
- Red (50%)
- Green (69%)
- Blue (74%)



- Red (50%)
- Yellow (61%)
- Blue (74%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (50%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7170, 12.4645, -31.3238 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 163.7170, 12.4645, -31.3238 by changing the saturation by 10% instead.

■ 163.7170, 12.4645,
-31.3238

■ 163.7170, 12.4645,
-31.3238

255.0000, 0.0000,
0.0000

■ 137.0160, 12.3171,
-30.7090

■ 219.4180, 12.6119,
-31.9386

■ 111.0160, 12.3171,
-30.7090

■ 241.8440, 6.4859,
-27.0502

■ 85.6030, 12.0277,
-31.2238

■ 250.5150, 2.2111,
-9.2217

■ 60.7060, 12.4699,
-33.0682

■ 38.2930, 12.1806,
-33.5830

■ 22.8710, 8.9376,
-20.0579

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 163.7170, 12.4645,
-31.3238

■ 163.7170, 12.4645,
-31.3238

■ 155.6880, 16.4228,
-40.9454

■ 171.7460, 8.5062,
-21.7022

■ 148.2460, 20.0917,
-51.0817

■ 179.1880, 4.8373,
-11.5659

■ 140.2170, 24.0500,
-60.7033

■ 187.2170, 0.8790,
-1.9443

■ 132.1880, 28.0083,
-70.3249

■ 195.2460, -3.0793,
7.6773

■ 124.1590, 31.9666,
-79.9464

■ 203.2750, -7.0376,
17.2988

■ 117.0160, 35.4881,
-89.4680

■ 210.4180,
-10.5591, 26.8204

■ 110.7700, 38.5674,
-97.1453

■ 216.9520,
-13.7803, 33.3681

■ 219.3000,
-14.9379, 31.3089

■ 221.0610,
-15.8061, 29.7645

Harmonies

Analogous

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



162.8930, 5.4758, -29.7242



163.7170, 12.4645, -31.3238



166.2710, 15.6424, -23.9167

Triad

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



163.7170, 12.4645, -31.3238



171.8590, 4.0135, 19.4177



168.1460, -14.8620, 6.8880

Complementary

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



163.7170, 12.4645, -31.3238



153.2830, -12.4645, 31.3238

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.



169.9240, -14.7525, 18.4837



163.7170, 12.4645, -31.3238



171.8400, -3.8651, 26.4503

Square

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



163.7170, 12.4645, -31.3238



171.2040, 10.7454, 6.8371



170.7060, -10.7011, 25.6908



165.9100, -10.3086, -6.9371

Rectangle

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



163.7170, 12.4645, -31.3238



168.0380, 15.7573, -14.0653



170.7060, -10.7011, 25.6908



168.4670, -15.0202, 10.9914

Sweetspot

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



163.7170, 12.4645, -31.3238



234.5900, 5.1321, -12.7954



165.0610, -12.8481, -32.5025



116.6400, 2.6425, -7.5773



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



163.7170, 12.4645, -31.3238



205.1430, 19.6495, -49.2374



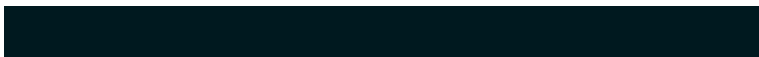
146.1070, 21.1462, -15.8798



90.1350, 1.9054, -4.5034



92.5610, 32.2614, -81.1760



18.2090, 6.3060, -15.9693

Inverse Universe

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



151.8250, 12.4113, 32.6025



186.4820, 19.4824, 51.3203



170.8930, -21.1462, 15.8798



88.4890, 1.7309, 4.8331



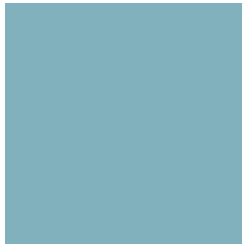
61.7200, 32.1830, 84.4376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 163.7170, 12.4645, -31.3238 looks on a white background.

Color Contrast Check

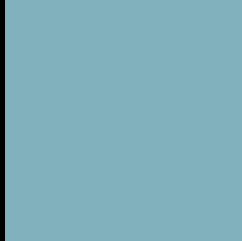
Large Text (above 18pt) WCAG AA × Fail

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 163.7170, 12.4645, -31.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

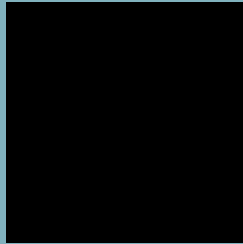
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.7170, 12.4645, -31.3238

Background



This preview shows how black text looks on a background with the YUV color 163.7170, 12.4645, -31.3238.

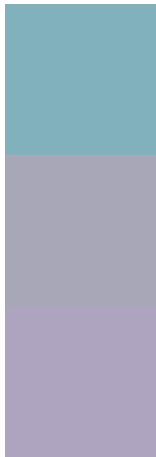


This preview shows how white text looks on a background with the YUV color 163.7170, 12.4645, -31.3238.

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

163.7170, 12.4645, -31.3238

Protanopia

168.8240, 6.9888, -1.5996

Deuteranopia

170.1820, 10.7563, 3.3484



Tritanopia

163.9450, 13.3381, -31.5238

Trichromacy



Original Color

163.7170, 12.4645, -31.3238

Protanomaly

167.2140, 8.7685, -12.4657

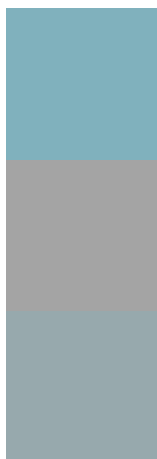
Deuteranomaly

167.9200, 11.3784, -9.5768

Tritanomaly

163.8310, 12.9013, -31.4238

Monochromacy



Original Color

163.7170, 12.4645, -31.3238

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0740, 4.4005, -11.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7170, 12.4645, -31.3238 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(128, 177, 189)` looks like.

```
.text, #text, p{  
    color:rgb(128, 177, 189)  
}
```

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(128, 177, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 177, 189) }
```

Border

The CSS property to change the border of an element to YUV 163.7170, 12.4645, -31.3238 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(128, 177, 189) }
```


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

```
.border{ border-color:rgb(128, 177, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 177, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 177, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 177, 189);  
box-shadow:4px 4px 4px 4px rgb(128, 177,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 163.7170, 12.4645, -31.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 177, 189) }
```

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

```
.background{ background-color: rgb(128,  
177, 189) }
```

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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