

Converting Colors

YUV(163.3750, 11.1541,
-31.0239)

Have a look what the booklet for
YUV(163.3750, 11.1541, -31.0239)
contains.

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Color

**YUV(163.3750, 11.1541,
-31.0239)**

Conversions

Conversions Part 1

Format	Color
Hex	80B1BA
RGB	128, 177, 186
RGB Percent	50%, 69%, 73%
CMY	0.4980, 0.3059, 0.2706
CMYK	0.31, 0.05, 0.00, 0.27
HSL	189°, 30%, 62%
HSV	189°, 31%, 73%
XYZ	33.4872, 39.5786, 52.3289
YIQ	163.3750, -32.0930, -7.5890

Conversions

Conversions Part 2

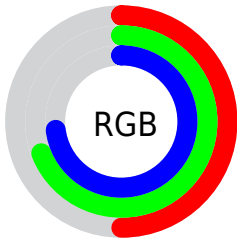
Format	Color
RYB	128, 155, 186
Decimal	8434106
CIELab	69.17, -13.96, -9.82
CIELCh	69, 17.069, 215.113
Yxy	39.5786, 0.2671, 0.3156
Android (android.graphics.Color)	4286624186 (0xFF80B1BA)
YUV	163.3750, 11.1541, -31.0239
Hunter-Lab	62.9116, -15.0816, -5.2784

Details

The YUV color **163.3750, 11.1541, -31.0239** is a light color, and the websafe version is hex **669999**. A complement of this color would be **150.6250, -11.1541, 31.0239**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7770, 11.4489, -32.2534**, and **110.6740, 11.0067, -30.4091** is the 20% darker color. If you saturate the color by 10%, you get **155.9330, 14.8230, -41.1602**, and if you desaturate by 10%, it is **170.8170, 7.4852, -20.8875**.

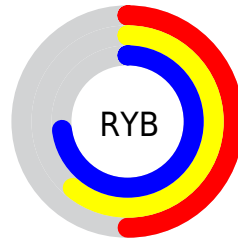
Distribution



Red (50%)

Green (69%)

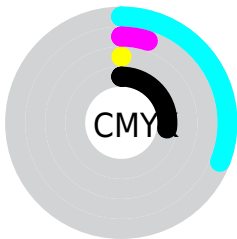
Blue (73%)



Red (50%)

Yellow (61%)

Blue (73%)

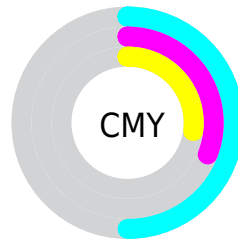


Cyan (31%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (50%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3750, 11.1541, -31.0239 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 163.3750, 11.1541, -31.0239 by changing the saturation by 10% instead.

■ 163.3750, 11.1541,
-31.0239

■ 163.3750, 11.1541,
-31.0239

255.0000, 0.0000,
0.0000

■ 136.6740, 11.0067,
-30.4091

■ 218.7770, 11.4489,
-32.2534

■ 110.6740, 11.0067,
-30.4091

■ 241.8440, 6.4859,
-27.0502

■ 85.6740, 11.0067,
-30.4091

■ 250.2160, 2.3585,
-9.8364

■ 60.6630, 11.0121,
-32.1535

■ 37.9510, 10.8702,
-33.2830

■ 22.6430, 8.0640,
-19.8579

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 163.3750, 11.1541,
-31.0239

■ 163.3750, 11.1541,
-31.0239

■ 155.9330, 14.8230,
-41.1602

■ 170.8170, 7.4852,
-20.8875

■ 148.7900, 18.3445,
-50.6818

■ 177.9600, 3.9637,
-11.3659

■ 141.3480, 22.0134,
-60.8182

■ 185.4020, 0.2948,
-1.2296

■ 134.2050, 25.5349,
-70.3398

■ 192.5450, -3.2267,
8.2920

■ 127.3500, 28.9145,
-80.9909

■ 199.4000, -6.6062,
18.9432

■ 119.9080, 32.5834,
-91.1273

■ 206.8420,
-10.2751, 29.0796

■ 113.3630, 35.8100,
-99.4194

■ 213.0880,
-13.3544, 36.7568

■ 214.8490,
-14.2226, 35.2124

■ 216.6100,
-15.0907, 33.6680

Harmonies

Analogous

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



163.1490, 3.8705, -28.1947



163.3750, 11.1541, -31.0239



165.4450, 15.0636, -24.9463

Triad

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



163.3750, 11.1541, -31.0239



171.7770, 5.0399, 16.8586



168.1570, -14.8674, 8.6323

Complementary

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



163.3750, 11.1541, -31.0239



150.6250, -11.1541, 31.0239

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.



169.7500, -14.1738, 19.5132



163.3750, 11.1541, -31.0239



171.5840, -2.2599, 24.9208

Square

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



163.3750, 11.1541, -31.0239



170.7090, 11.4825, 3.7632



171.0480, -9.3907, 25.3909



165.9920, -11.3351, -4.3780

Rectangle

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



163.3750, 11.1541, -31.0239



167.3150, 15.6207, -16.9393



171.0480, -9.3907, 25.3909



168.7770, -15.1731, 13.3506

Sweetspot

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



163.3750, 11.1541, -31.0239



233.6610, 4.1111, -11.9807



163.0720, -12.8535, -30.7581



116.9390, 2.4951, -6.9625



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.



163.3750, 11.1541, -31.0239



207.1710, 17.1707, -47.5080



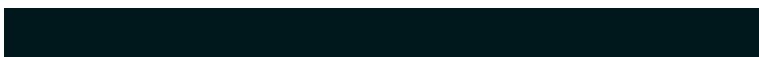
146.3520, 19.5465, -16.0947



88.1350, 1.9054, -4.5034



94.6810, 30.2303, -83.0352



17.2800, 5.2850, -15.1546

Inverse Universe

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



150.9280, 12.8535, 30.7581



188.1610, 19.6406, 47.2168



167.6480, -19.5465, 16.0947



86.4890, 1.7309, 4.8331



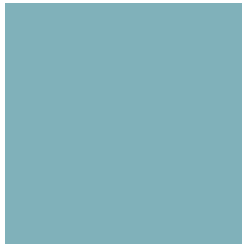
61.5780, 34.2250, 82.8081



11.1080, 6.3558, 14.8143

Previews

White Background



This preview shows how the YUV color 163.3750, 11.1541, -31.0239 looks on a white background.

Color Contrast Check

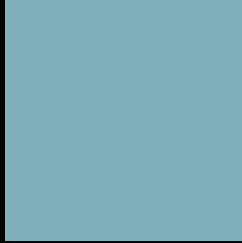
Large Text (above 18pt) WCAG AA × Fail

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 163.3750, 11.1541, -31.0239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

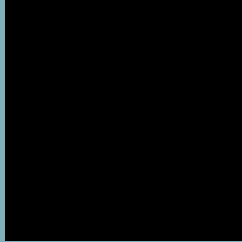
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.3750, 11.1541, -31.0239

Background



This preview shows how black text looks on a background with the YUV color 163.3750, 11.1541, -31.0239.



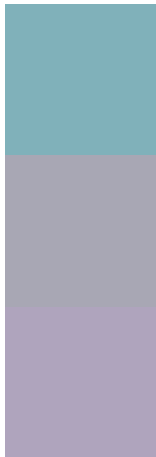
This preview shows how white text looks on a background with the YUV color 163.3750, 11.1541, -31.0239.

-31.0239.

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

163.3750, 11.1541, -31.0239

Protanopia

168.7810, 5.5310, -0.6849

Deuteranopia

170.1390, 9.2985, 4.2631



Tritanopia

163.5430, 13.0433, -30.2942

Trichromacy



Original Color

163.3750, 11.1541, -31.0239

Protanomaly

166.8720, 7.4581, -12.1657

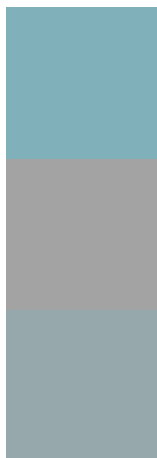
Deuteranomaly

167.8770, 9.9206, -8.6621

Tritanomaly

163.4290, 12.6065, -30.1942

Monochromacy



Original Color

163.3750, 11.1541, -31.0239

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9600, 3.9637, -11.3659

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3750, 11.1541, -31.0239 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(128, 177, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 177, 186) }
```

Border

The CSS property to change the border of an element to YUV 163.3750, 11.1541, -31.0239 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, 186) }
```


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

```
.border{ border-color:rgb(128, 177, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(128, 177,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 163.3750, 11.1541, -31.0239 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, 186) }
```

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

```
.background{ background-color: rgb(128,  
177, 186) }
```

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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