

Converting Colors

YUV(153.2630, 14.6603,
11.1703)

Have a look what the booklet for
YUV(153.2630, 14.6603, 11.1703)
contains.

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Color

**YUV(153.2630, 14.6603,
11.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	A68DB7
RGB	166, 141, 183
RGB Percent	65%, 55%, 72%
CMY	0.3490, 0.4471, 0.2824
CMYK	0.09, 0.23, 0.00, 0.28
HSL	276°, 23%, 64%
HSV	276°, 23%, 72%
XYZ	33.7980, 30.5756, 48.9201
YIQ	153.2630, 1.4180, 18.3620

Conversions

Conversions Part 2

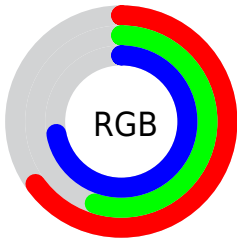
Format	Color
RYB	166, 141, 183
Decimal	10915255
CIELab	62.15, 17.39, -18.44
CIELCh	62, 25.348, 313.312
Yxy	30.5756, 0.2983, 0.2699
Android (android.graphics.Color)	4289105335 (0xFFA68DB7)
YUV	153.2630, 14.6603, 11.1703
Hunter-Lab	55.2952, 12.3375, -13.7476

Details

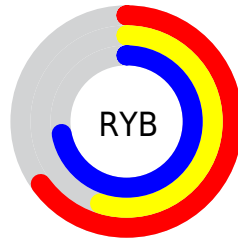
The YUV color $153.2630, 14.6603, 11.1703$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $170.7370, -14.6603, -11.1703$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.7900, 15.3865, 11.5852$, and $102.3230, 13.6448, 10.2407$ is the 20% darker color. If you saturate the color by 10%, you get $140.6040, 20.9012, 16.1333$, and if you desaturate by 10%, it is $165.9220, 8.4195, 6.2074$.

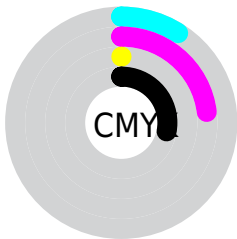
Distribution



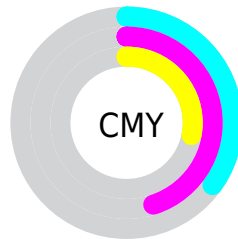
- Red (65%)
- Green (55%)
- Blue (72%)



- Red (65%)
- Yellow (55%)
- Blue (72%)



- Cyan (9%)
- Magenta (23%)
- Yellow (0%)
- Black (28%)



- Cyan (35%)
- Magenta (45%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.2630, 14.6603, 11.1703 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 153.2630, 14.6603, 11.1703 by changing the saturation by 10% instead.

■ 153.2630, 14.6603,
11.1703

■ 153.2630, 14.6603,
11.1703

■ 255.0000, 0.0000,
0.0000

■ 126.8500, 14.3710,
10.6556

■ 207.7900, 15.3865,
11.5852

■ 102.3230, 13.6448,
10.2407

■ 234.7210, 9.9975,
13.3997

■ 77.9100, 13.3554,
9.7259

■ 252.6520, 1.1576,
2.0592

■ 54.9700, 12.3398,
8.7963

■ 32.5570, 12.0504,
8.2815

■ 11.2800, 12.1870,
11.1554

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 153.2630, 14.6603,
11.1703

■ 153.2630, 14.6603,
11.1703

■ 140.6040, 20.9012,
16.1333

■ 165.9220, 8.4195,
6.2074

■ 127.0590, 27.5789,
20.9963

■ 179.4670, 1.7418,
1.3444

■ 114.4000, 33.8198,
25.9592

■ 192.1260, -4.4991,
-3.6185

■ 101.4420, 40.2081,
30.3074

■ 205.0840,
-10.8874, -7.9667

■ 88.1960, 46.7384,
35.7851

■ 218.3300,
-17.4177, -13.4444

■ 75.5370, 52.9793,
40.7481

■ 230.9890,
-23.6586, -18.4074

■ 62.5790, 59.3676,
45.0962

■ 235.7290,
-25.9954, -15.5483

■ 53.4530, 63.8667,
48.7147

■ 237.8220,
-27.0272, -11.2449

■ 240.2140,
-28.2065, -6.3267

Harmonies

Analogous

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



150.2430, 21.5722, -12.4911



153.2630, 14.6603, 11.1703



153.8540, 5.0020, 29.0690

Triad

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



153.2630, 14.6603, 11.1703



150.0620, -20.7366, 24.5016



139.3360, 10.1874, -47.6527

Complementary

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



153.2630, 14.6603, 11.1703



170.7370, -14.6603, -11.1703

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.



142.1070, -2.5178, -32.5428



153.2630, 14.6603, 11.1703



147.9520, -20.6823, 7.0581

Square

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



153.2630, 14.6603, 11.1703



152.0940, -15.8223, 34.9976



145.2530, -13.9287, -12.4999



139.8440, 19.7969, -49.8522

Rectangle

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



153.2630, 14.6603, 11.1703



153.5360, -2.7292, 35.4869



145.2530, -13.9287, -12.4999



140.2180, 5.8085, -43.1642

Sweetspot

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



153.2630, 14.6603, 11.1703



225.5150, 5.6621, 3.9333



156.3540, 13.1365, -13.4655



112.9340, 3.4835, 2.6889



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.



153.2630, 14.6603, 11.1703



190.1850, 23.0798, 17.3778



158.0040, 10.8440, 21.9215



85.5210, 3.1941, 2.1741



45.5910, 54.4316, 41.5777



8.2750, 9.7244, 7.6518

Inverse Universe

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



155.4960, 1.2345, 24.1210



193.8120, 2.0647, 37.8759



166.1100, -10.4072, -22.0215



86.0330, -0.0163, 5.2331



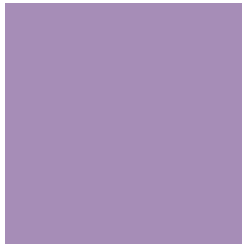
53.8260, 4.5228, 89.6066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 153.2630, 14.6603, 11.1703 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 153.2630, 14.6603, 11.1703 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 153.2630, 14.6603, 11.1703

Background



This preview shows how black text looks on a background with the YUV color 153.2630, 14.6603, 11.1703.



This preview shows how white text looks on a background with the YUV color 153.2630, 14.6603, 11.1703.

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

153.2630, 14.6603, 11.1703

Protanopia

151.0540, 18.2144, -8.8174

Deuteranopia

151.5880, 14.9931, -2.2697



Tritanopia

152.0380, 2.4463, 8.7367

Trichromacy



Original Color

153.2630, 14.6603, 11.1703

Protanomaly

151.7560, 16.8823, -1.5400

Deuteranomaly

152.2080, 14.6875, 2.4486

Tritanomaly

152.1890, 6.8088, 9.4812

Monochromacy



Original Color

153.2630, 14.6603, 11.1703

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.4010, 5.2253, 4.0333

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2630, 14.6603, 11.1703 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(166, 141, 183)` looks like.

```
.text, #text, p{  
    color:rgb(166, 141, 183)  
}
```

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(166, 141, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 141, 183) }
```

Border

The CSS property to change the border of an element to YUV 153.2630, 14.6603, 11.1703 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(166, 141, 183) }
```


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

```
.border{ border-color:rgb(166, 141, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 141, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 141, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 141, 183);  
box-shadow:4px 4px 4px 4px rgb(166, 141,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 153.2630, 14.6603, 11.1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 141, 183) }
```

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

```
.background{ background-color: rgb(166,  
141, 183) }
```

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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