

Converting Colors

YUV(163.5020, 15.5285,
12.7147)

Have a look what the booklet for
YUV(163.5020, 15.5285, 12.7147)
contains.

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Color

**YUV(163.5020, 15.5285,
12.7147)**

Conversions

Conversions Part 1

Format	Color
Hex	B296C3
RGB	178, 150, 195
RGB Percent	70%, 59%, 76%
CMY	0.3020, 0.4118, 0.2353
CMYK	0.09, 0.23, 0.00, 0.24
HSL	277°, 27%, 68%
HSV	277°, 23%, 76%
XYZ	39.1168, 35.2178, 56.3658
YIQ	163.5020, 2.2430, 19.9310

Conversions

Conversions Part 2

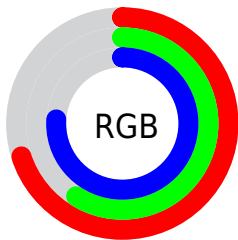
Format	Color
RYB	178, 150, 195
Decimal	11704003
CIELab	65.92, 18.82, -19.35
CIELCh	66, 26.995, 314.205
Yxy	35.2178, 0.2993, 0.2695
Android (android.graphics.Color)	4289894083 (0xFFB296C3)
YUV	163.5020, 15.5285, 12.7147
Hunter-Lab	59.3446, 13.8046, -14.7727

Details

The YUV color **163.5020, 15.5285, 12.7147** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **181.4980, -15.5285, -12.7147**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.4420, 16.5441, 13.6444**, and **111.5620, 14.5129, 11.7851** is the 20% darker color. If you saturate the color by 10%, you get **150.2560, 22.0588, 18.1925**, and if you desaturate by 10%, it is **177.3350, 8.7088, 6.7222**.

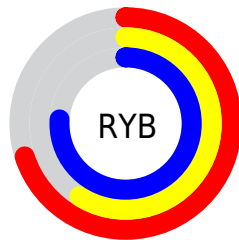
Distribution



Red (70%)

Green (59%)

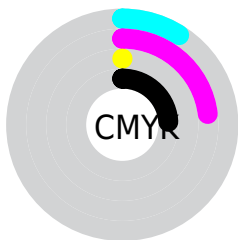
Blue (76%)



Red (70%)

Yellow (59%)

Blue (76%)

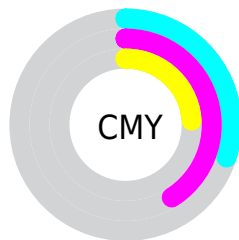


Cyan (9%)

Magenta (23%)

Yellow (0%)

Black (24%)



Cyan (30%)


Magenta (41%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 163.5020, 15.5285, 12.7147 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 163.5020, 15.5285, 12.7147 by changing the saturation by 10% instead.


 163.5020, 15.5285,
12.7147


 163.5020, 15.5285,
12.7147


255.0000, 0.0000,
0.0000


 137.0890, 15.2391,
12.1999


 218.4420, 16.5441,
13.6444


 111.5620, 14.5129,
11.7851

 242.0860, 6.3666,
11.3256

 87.1490, 14.2235,
11.2703

 63.3230, 13.6448,
10.2407

 40.7960, 12.9186,
9.8259

 19.3830, 12.6292,
9.3111

 2.7360, 10.4832,

-2.3995

■ 0.0000, 0.0000,
0.0000

■ 163.5020, 15.5285,
12.7147

■ 163.5020, 15.5285,
12.7147

■ 150.2560, 22.0588,
18.1925

■ 177.3350, 8.7088,
6.7222

■ 136.1240, 29.0259,
23.5703

■ 190.8800, 2.0312,
1.8592

■ 122.8780, 35.5561,
29.0480

■ 204.1260, -4.4991,
-3.6185

■ 109.0450, 42.3758,
35.0405

■ 217.9590,
-11.3188, -9.6110

■ 95.5000, 49.0535,
39.9035

■ 232.0910,
-18.2859, -14.9888

■ 81.6670, 55.8732,
45.8960

■ 238.2930,
-21.3434, -14.2890

■ 68.1220, 62.5509,
50.7590

■ 240.6850,
-22.5227, -9.3707

■ 58.4090, 67.3394,
54.8923

■ 242.7780,
-23.5546, -5.0673

■ 244.8710,
-24.5864, -0.7639

Harmonies

Analogous

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



159.9980, 23.1720, -12.2762



163.5020, 15.5285, 12.7147



164.1640, 4.8491, 31.4282

Triad

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



163.5020, 15.5285, 12.7147



159.9050, -22.6312, 25.5163



148.2430, 11.2192, -51.9561

Complementary

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



163.5020, 15.5285, 12.7147



181.4980, -15.5285, -12.7147

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.



151.3840, -2.6543, -35.4168



163.5020, 15.5285, 12.7147



157.6100, -21.9927, 7.3580

Square

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



163.5020, 15.5285, 12.7147



162.0620, -17.2856, 37.6566



154.7150, -14.6495, -14.6591



148.9790, 21.7024, -54.3556

Rectangle

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



163.5020, 15.5285, 12.7147



163.5580, -2.7401, 38.9756



154.7150, -14.6495, -14.6591



149.1250, 6.8404, -47.4676

Sweetspot

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



163.5020, 15.5285, 12.7147



240.2270, 5.8041, 5.0629



165.1090, 14.7363, -13.2506



120.3470, 3.7729, 3.2037



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



163.5020, 15.5285, 12.7147



203.1360, 24.0900, 20.0517



168.0150, 10.8386, 23.6658



89.9340, 3.4835, 2.6889



48.2540, 55.5838, 45.3812



10.0410, 11.3188, 9.6110

Inverse Universe

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



165.3930, 0.7923, 25.9653



205.8940, 1.0383, 40.4350



176.9850, -10.8386, -23.6658



90.4460, 0.2731, 5.7479



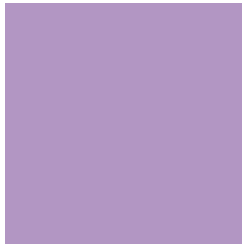
55.0930, 2.9122, 92.8804



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 163.5020, 15.5285, 12.7147 looks on a white background.

Color Contrast Check

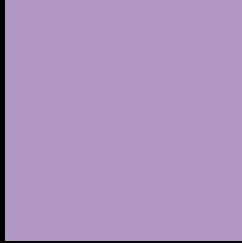
Large Text (above 18pt) WCAG AA × Fail

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 163.5020, 15.5285, 12.7147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

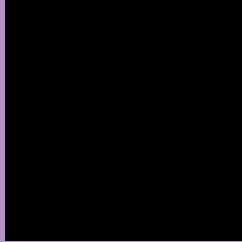
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.5020, 15.5285, 12.7147

Background



This preview shows how black text looks on a background with the YUV color 163.5020, 15.5285, 12.7147.



This preview shows how white text looks on a background with the YUV color 163.5020, 15.5285, 12.7147.

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

163.5020, 15.5285, 12.7147

Protanopia

161.0970, 19.6722, -9.7321

Deuteranopia

161.8160, 15.8667, -2.4696



Tritanopia

162.0490, 2.4408, 10.4810

Trichromacy



Original Color

163.5020, 15.5285, 12.7147

Protanomaly

162.0980, 18.1927, -1.8399

Deuteranomaly

162.1480, 15.7030, 3.3782

Tritanomaly

162.3140, 7.2402, 11.1256

Monochromacy



Original Color

163.5020, 15.5285, 12.7147

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8140, 5.5147, 4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5020, 15.5285, 12.7147 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(178, 150, 195)` looks like.

```
.text, #text, p{  
    color:rgb(178, 150, 195)  
}
```

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(178, 150, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 150, 195) }
```

Border

The CSS property to change the border of an element to YUV 163.5020, 15.5285, 12.7147 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(178, 150, 195) }
```


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

```
.border{ border-color:rgb(178, 150, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 150, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 150, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 150, 195);  
box-shadow:4px 4px 4px 4px rgb(178, 150,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 163.5020, 15.5285, 12.7147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 150, 195) }
```

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

```
.background{ background-color: rgb(178,  
150, 195) }
```

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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