

Converting Colors

YUV(161.1860, 18.1493,
12.1149)

Have a look what the booklet for
YUV(161.1860, 18.1493, 12.1149)
contains.

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Color

**YUV(161.1860, 18.1493,
12.1149)**

Conversions

Conversions Part 1

Format	Color
Hex	AF93C6
RGB	175, 147, 198
RGB Percent	69%, 58%, 78%
CMY	0.3137, 0.4235, 0.2235
CMYK	0.12, 0.26, 0.00, 0.22
HSL	273°, 31%, 68%
HSV	273°, 26%, 78%
XYZ	38.3060, 34.0586, 57.9811
YIQ	161.1860, 0.3170, 21.7970

Conversions

Conversions Part 2

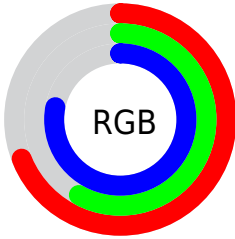
Format	Color
R_{YB}	175, 147, 198
Decimal	11506630
CIE _{Lab}	65.01, 20.15, -22.44
CIE _{LCh}	65, 30.158, 311.927
Yxy	34.0586, 0.2939, 0.2613
Android (android.graphics.Color)	4289696710 (0xFFAF93C6)
YUV	161.1860, 18.1493, 12.1149
Hunter-Lab	58.3598, 15.0336, -18.0535

Details

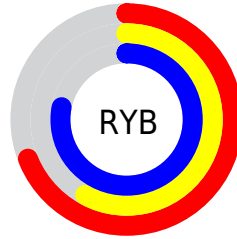
The YUV color **161.1860, 18.1493, 12.1149** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **183.8140, -18.1493, -12.1149**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1260, 19.1649, 13.0445**, and **109.2460, 17.1337, 11.1853** is the 20% darker color. If you saturate the color by 10%, you get **146.7550, 25.2638, 16.8779**, and if you desaturate by 10%, it is **175.6170, 11.0348, 7.3519**.

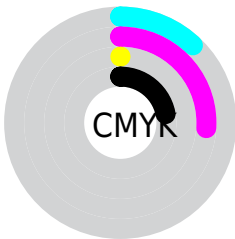
Distribution



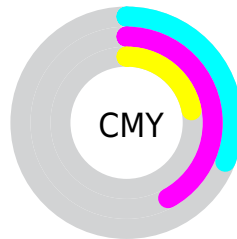
- Red (69%)
- Green (58%)
- Blue (78%)



- Red (69%)
- Yellow (58%)
- Blue (78%)



- Cyan (12%)
- Magenta (26%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.1860, 18.1493, 12.1149 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 161.1860, 18.1493, 12.1149 by changing the saturation by 10% instead.

■ 161.1860, 18.1493,
12.1149

■ 161.1860, 18.1493,
12.1149

255.0000, 0.0000,
0.0000

■ 134.7730, 17.8599,
11.6001

■ 216.1260, 19.1649,
13.0445

■ 109.2460, 17.1337,
11.1853

■ 239.7380, 7.5242,
13.3848

■ 84.7190, 16.4075,
10.7704

■ 60.8930, 15.8288,
9.7408

■ 39.0670, 15.2500,
8.7112

■ 16.3660, 15.1026,
9.3260

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 161.1860, 18.1493,
12.1149

■ 161.1860, 18.1493,
12.1149

■ 146.7550, 25.2638,
16.8779

■ 175.6170, 11.0348,
7.3519

■ 132.3240, 32.3783,
21.6409

■ 190.0480, 3.9203,
2.5889

■ 118.4800, 39.2034,
25.8890

■ 203.8920, -2.9048,
-1.6593

■ 104.0490, 46.3178,
30.6520

■ 218.3230,
-10.0192, -6.4223

■ 89.6180, 53.4323,
35.4150

■ 232.7540,
-17.1337, -11.1853

75.1870, 60.5468,
40.1780

240.7280,
-21.0649, -10.2855

60.7560, 67.6613,
44.9410

243.4190,
-22.3916, -4.7525

55.1630, 70.4186,
47.2150

245.8110,
-23.5708, 0.1658

248.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



157.3610, 25.9510, -16.9796



161.1860, 18.1493, 12.1149



161.6420, 6.5855, 34.5170

Triad

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



161.1860, 18.1493, 12.1149



157.3570, -24.8260, 29.5049



143.1280, 12.2619, -59.7483

Complementary

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



161.1860, 18.1493, 12.1149



183.8140, -18.1493, -12.1149

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.



147.4330, -3.6645, -38.0907



161.1860, 18.1493, 12.1149



155.5240, -24.9083, 9.1875

Square

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



161.1860, 18.1493, 12.1149



159.2690, -17.8806, 41.8601



152.0310, -17.2703, -14.0592



143.0100, 24.6451, -64.9068

Rectangle

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



161.1860, 18.1493, 12.1149



160.8080, -1.8773, 42.2644



152.0310, -17.2703, -14.0592



144.7930, 7.0041, -53.3155

Sweetspot

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



161.1860, 18.1493, 12.1149



240.5690, 7.1145, 4.7630



166.9020, 15.3313, -17.4541



118.5750, 4.6465, 3.0037



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.



161.1860, 18.1493, 12.1149



197.8630, 28.1685, 18.5371



167.8350, 13.8853, 26.4547



92.5210, 3.1941, 2.1741



45.4920, 57.9314, 39.0335



10.0840, 12.7766, 8.6963

Inverse Universe

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



164.8710, 2.5286, 29.0541



203.7250, 4.0796, 44.9682



177.1650, -13.8853, -26.4547



93.1470, 0.4205, 5.1331



57.1730, 8.2957, 92.8103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 161.1860, 18.1493, 12.1149 looks on a white background.

Color Contrast Check

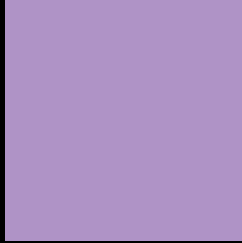
Large Text (above 18pt) WCAG AA × Fail

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 161.1860, 18.1493, 12.1149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

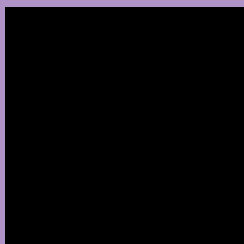
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.1860, 18.1493, 12.1149

Background



This preview shows how black text looks on a background with the YUV color 161.1860, 18.1493, 12.1149.



This preview shows how white text looks on a background with the YUV color 161.1860, 18.1493,

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

161.1860, 18.1493, 12.1149

Protanopia

158.2970, 23.0246, -11.6615

Deuteranopia

159.0760, 18.2035, -5.3287



Tritanopia

159.4510, 2.7357, 9.2515

Trichromacy



Original Color

161.1860, 18.1493, 12.1149

Protanomaly

159.4830, 20.9609, -3.0546

Deuteranomaly

159.8210, 18.3292, 1.0340

Tritanomaly

160.2430, 8.2612, 10.3109

Monochromacy



Original Color

161.1860, 18.1493, 12.1149

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.0420, 6.3883, 4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.1860, 18.1493, 12.1149 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(175, 147, 198)` looks like.

```
.text, #text, p{  
    color:rgb(175, 147, 198)  
}
```

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(175, 147, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 147, 198) }
```

Border

The CSS property to change the border of an element to YUV 161.1860, 18.1493, 12.1149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

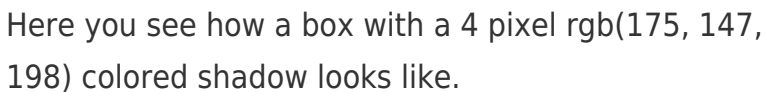
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 147, 198) }
```


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

```
.border{ border-color:rgb(175, 147, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 147, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 147, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 147, 198); box-shadow:4px 4px 4px 4px rgb(175, 147, 198) }
```

Background

The CSS property to change the background color of an element to YUV 161.1860, 18.1493, 12.1149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 147, 198) }
```

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

```
.background{ background-color: rgb(175,  
147, 198) }
```

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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