

Converting Colors

YUV(160.5990, 18.4387,
12.6297)

Have a look what the booklet for
YUV(160.5990, 18.4387, 12.6297)
contains.

YUV(160.5990, 18.4387, 12.6297)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(160.5990, 18.4387,
12.6297)**

Conversions

Conversions Part 1

Format	Color
Hex	AF92C6
RGB	175, 146, 198
RGB Percent	69%, 57%, 78%
CMY	0.3137, 0.4275, 0.2235
CMYK	0.12, 0.26, 0.00, 0.22
HSL	273°, 31%, 67%
HSV	273°, 26%, 78%
XYZ	38.1511, 33.7489, 57.9295
YIQ	160.5990, 0.5920, 22.3200

Conversions

Conversions Part 2

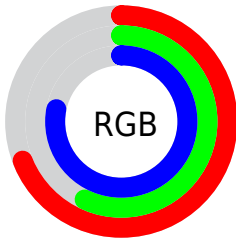
Format	Color
R_{YB}	175, 146, 198
Decimal	11506374
CIE _{Lab}	64.76, 20.71, -22.81
CIE _{LCh}	65, 30.815, 312.239
Yxy	33.7489, 0.2939, 0.2599
Android (android.graphics.Color)	4289696454 (0xFFAF92C6)
YUV	160.5990, 18.4387, 12.6297
Hunter-Lab	58.0938, 15.5595, -18.4566

Details

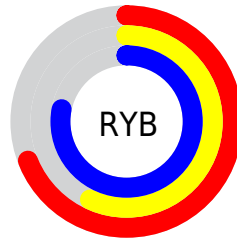
The YUV color **160.5990, 18.4387, 12.6297** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **183.4010, -18.4387, -12.6297**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5390, 19.4543, 13.5593**, and **108.6590, 17.4231, 11.7001** is the 20% darker color. If you saturate the color by 10%, you get **146.1680, 25.5532, 17.3927**, and if you desaturate by 10%, it is **175.0300, 11.3242, 7.8667**.

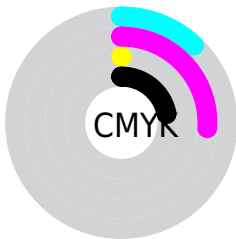
Distribution



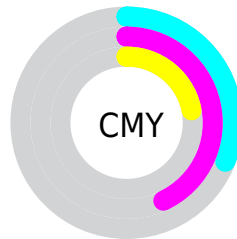
- Red (69%)
- Green (57%)
- Blue (78%)



- Red (69%)
- Yellow (57%)
- Blue (78%)



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





- Cyan (31%)
- Magenta (43%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 160.5990, 18.4387, 12.6297 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 160.5990, 18.4387, 12.6297 by changing the saturation by 10% instead.


 160.5990, 18.4387,
12.6297


 160.5990, 18.4387,
12.6297


255.0000, 0.0000,
0.0000


 134.1860, 18.1493,
12.1149


 215.5390, 19.4543,
13.5593


 108.6590, 17.4231,
11.7001

 239.1510, 7.8136,
13.8996

 84.1320, 16.6969,
11.2852

 60.3060, 16.1181,
10.2556

 38.4800, 15.5394,
9.2260

 15.7790, 15.3920,
9.8408

 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 160.5990, 18.4387,
12.6297

■ 160.5990, 18.4387,
12.6297

■ 146.1680, 25.5532,
17.3927

■ 175.0300, 11.3242,
7.8667

■ 131.7370, 32.6677,
22.1557

■ 189.4610, 4.2097,
3.1037

■ 118.1920, 39.3453,
27.0186

■ 203.0060, -2.4680,
-1.7593

■ 103.7610, 46.4598,
31.7816

■ 217.4370, -9.5824,
-6.5222

■ 89.3300, 53.5743,
36.5446

■ 231.8680,
-16.6969, -11.2852

74.8990, 60.6888,
41.3076

240.4290,
-20.9175, -10.9002

60.7670, 67.6559,
46.6853

242.8210,
-22.0968, -5.9820

55.4620, 70.2712,
47.8298

245.5120,
-23.4234, -0.4490

248.2030,
-24.7501, 5.0840

Harmonies

Analogous

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



156.5890, 26.8246, -17.1796



160.5990, 18.4387, 12.6297



161.0550, 6.8749, 35.0318

Triad

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



160.5990, 18.4387, 12.6297



156.8300, -25.5522, 29.0901



141.3450, 13.1409, -61.6926

Complementary

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



160.5990, 18.4387, 12.6297



183.4010, -18.4387, -12.6297

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.



146.4220, -3.6590, -39.8351



160.5990, 18.4387, 12.6297



154.4100, -25.3451, 9.2874

Square

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



160.5990, 18.4387, 12.6297



158.4540, -18.4648, 42.5748



150.7320, -17.1229, -14.6740



140.9280, 25.6715, -67.4659

Rectangle

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



160.5990, 18.4387, 12.6297



160.4060, -2.1722, 43.4939



150.7320, -17.1229, -14.6740



142.8960, 7.4463, -55.1598

Sweetspot

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



160.5990, 18.4387, 12.6297



240.5690, 7.1145, 4.7630



165.4290, 16.0575, -17.0392



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.



160.5990, 18.4387, 12.6297



196.1020, 29.0367, 20.0815



167.1340, 13.7379, 27.0695



92.5210, 3.1941, 2.1741



45.7910, 57.7840, 39.6483



10.0840, 12.7766, 8.6963

Inverse Universe

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



164.1700, 2.3812, 29.6689



201.6220, 3.6374, 46.8125



176.8660, -13.7379, -27.0695



93.1470, 0.4205, 5.1331



56.9450, 7.4221, 93.0102



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 160.5990, 18.4387, 12.6297 looks on a white background.

Color Contrast Check

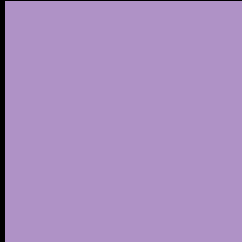
Large Text (above 18pt) WCAG AA × Fail

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 160.5990, 18.4387, 12.6297 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 160.5990, 18.4387, 12.6297

Background



This preview shows how black text looks on a background with the YUV color 160.5990, 18.4387, 12.6297.



This preview shows how white text looks on a background with the YUV color 160.5990, 18.4387, 12.6297.

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

160.5990, 18.4387, 12.6297

Protanopia

157.4110, 23.4614, -11.7614

Deuteranopia

158.1900, 18.6403, -5.4286



Tritanopia

158.7500, 2.5883, 9.8663

Trichromacy



Original Color

160.5990, 18.4387, 12.6297

Protanomaly

158.5970, 21.3977, -3.1546

Deuteranomaly

158.9350, 18.7660, 0.9340

Tritanomaly

159.5420, 8.1138, 10.9257

Monochromacy



Original Color

160.5990, 18.4387, 12.6297

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 160.5990, 18.4387, 12.6297 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, 146, 198)` looks like.

```
.text, #text, p{  
    color:rgb(175, 146, 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, 146, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 146, 198) }
```

Border

The CSS property to change the border of an element to YUV 160.5990, 18.4387, 12.6297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

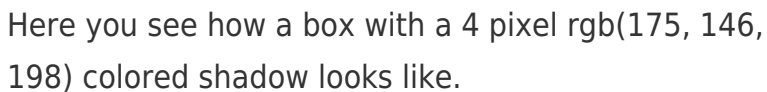
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 146, 198) }
```


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

```
.border{ border-color:rgb(175, 146, 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, 146, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 146, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 146, 198); box-shadow:4px 4px 4px 4px rgb(175, 146, 198) }
```

Background

The CSS property to change the background color of an element to YUV 160.5990, 18.4387, 12.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 146, 198) }
```

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

```
.background{ background-color: rgb(175,  
146, 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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