

Converting Colors

YUV(160.0290, 16.2547,
13.1296)

Have a look what the booklet for
YUV(160.0290, 16.2547, 13.1296)
contains.

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Color

**YUV(160.0290, 16.2547,
13.1296)**

Conversions

Conversions Part 1

Format	Color
Hex	AF92C1
RGB	175, 146, 193
RGB Percent	69%, 57%, 76%
CMY	0.3137, 0.4275, 0.2431
CMYK	0.09, 0.24, 0.00, 0.24
HSL	277°, 27%, 66%
HSV	277°, 24%, 76%
XYZ	37.5837, 33.5220, 54.9416
YIQ	160.0290, 2.1970, 20.7650

Conversions

Conversions Part 2

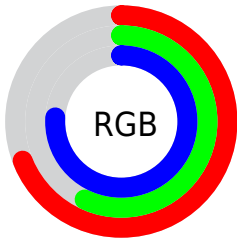
Format	Color
RYB	175, 146, 193
Decimal	11506369
CIELab	64.58, 19.66, -20.29
CIELCh	65, 28.253, 314.093
Yxy	33.5220, 0.2982, 0.2659
Android (android.graphics.Color)	4289696449 (0xFFAF92C1)
YUV	160.0290, 16.2547, 13.1296
Hunter-Lab	57.8982, 14.5488, -15.7336

Details

The YUV color **160.0290, 16.2547, 13.1296** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **178.9710, -16.2547, -13.1296**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9690, 17.2703, 14.0592**, and **108.0890, 15.2391, 12.1999** is the 20% darker color. If you saturate the color by 10%, you get **146.7830, 22.7850, 18.6073**, and if you desaturate by 10%, it is **173.2750, 9.7244, 7.6518**.

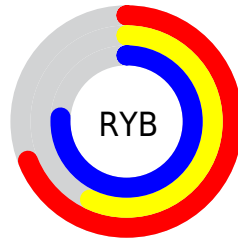
Distribution



Red (69%)

Green (57%)

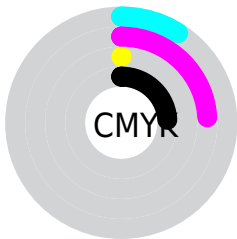
Blue (76%)



Red (69%)

Yellow (57%)

Blue (76%)

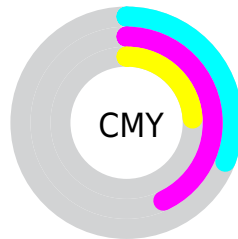


Cyan (9%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (31%)


Magenta (43%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 160.0290, 16.2547, 13.1296 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 160.0290, 16.2547, 13.1296 by changing the saturation by 10% instead.


 160.0290, 16.2547,
13.1296


 160.0290, 16.2547,
13.1296


255.0000, 0.0000,
0.0000


 133.6160, 15.9653,
12.6148


 214.9690, 17.2703,
14.0592


 108.0890, 15.2391,
12.1999

 239.1510, 7.8136,
13.8996

 83.6760, 14.9497,
11.6851

 60.7360, 13.9342,
10.7555

 38.0240, 13.7922,
9.6260

 15.6220, 13.4974,
10.8555

 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 160.0290, 16.2547,
13.1296

■ 160.0290, 16.2547,
13.1296

■ 146.7830, 22.7850,
18.6073

■ 173.2750, 9.7244,
7.6518

■ 132.6510, 29.7521,
23.9851

■ 187.4070, 2.7573,
2.2741

■ 119.4050, 36.2823,
29.4628

■ 200.6530, -3.7729,
-3.2037

■ 105.8600, 42.9600,
34.3258

■ 214.1980,
-10.4506, -8.0666

■ 92.6140, 49.4903,
39.8035

■ 228.0310,
-17.2703, -14.0592

■ 78.7810, 56.3100,
45.7961

■ 237.1680,
-21.7748, -15.9333

■ 65.2360, 62.9877,
50.6590

■ 239.5600,
-22.9541, -11.0151

■ 57.5830, 66.7606,
53.8627

■ 241.6530,
-23.9859, -6.7117

■ 244.0450,
-25.1652, -1.7935

Harmonies

Analogous

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



156.5140, 23.9036, -13.6058



160.0290, 16.2547, 13.1296



160.2890, 5.2805, 33.0725

Triad

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



160.0290, 16.2547, 13.1296



155.9760, -23.6522, 26.3310



143.4490, 12.1036, -55.6448

Complementary

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



160.0290, 16.2547, 13.1296



178.9710, -16.2547, -13.1296

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.



147.3730, -2.6489, -37.1611



160.0290, 16.2547, 13.1296



153.9690, -23.1557, 7.0432

Square

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



160.0290, 16.2547, 13.1296



157.7740, -17.1436, 38.7862



151.1880, -15.3757, -15.0739



143.7120, 23.3130, -57.6294

Rectangle

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



160.0290, 16.2547, 13.1296



160.1560, -3.0349, 40.2052



151.1880, -15.3757, -15.0739



144.5160, 7.1406, -50.4415

Sweetspot

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



160.0290, 16.2547, 13.1296



237.3410, 6.2409, 4.9629



161.9240, 15.3205, -13.9653



117.9340, 3.4835, 2.6889



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



160.0290, 16.2547, 13.1296



198.7770, 25.2529, 20.3666



164.8410, 11.4174, 24.6954



89.9340, 3.4835, 2.6889



47.9550, 55.7312, 44.7665



9.7420, 11.4662, 8.9963

Inverse Universe

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



162.1050, 0.9342, 27.0949



202.0190, 1.4696, 42.0793



174.1590, -11.4174, -24.6954



90.4460, 0.2731, 5.7479



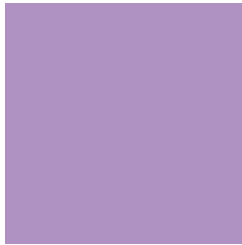
55.2070, 3.3489, 92.7805



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 160.0290, 16.2547, 13.1296 looks on a white background.

Color Contrast Check

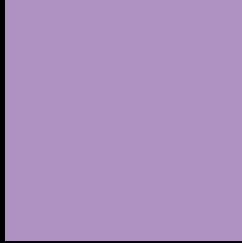
Large Text (above 18pt) WCAG AA × Fail

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 160.0290, 16.2547, 13.1296 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 160.0290, 16.2547, 13.1296

Background



This preview shows how black text looks on a background with the YUV color 160.0290, 16.2547, 13.1296.



This preview shows how white text looks on a background with the YUV color 160.0290, 16.2547, 13.1296.

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

160.0290, 16.2547, 13.1296

Protanopia

157.3250, 20.5458, -9.9320

Deuteranopia

158.0440, 16.7403, -2.6696



Tritanopia

158.0490, 2.4408, 10.4810

Trichromacy



Original Color

160.0290, 16.2547, 13.1296

Protanomaly

158.6250, 18.9189, -1.4251

Deuteranomaly

158.3760, 16.5766, 3.1782

Tritanomaly

158.7270, 7.5296, 11.6404

Monochromacy



Original Color

160.0290, 16.2547, 13.1296

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.9280, 5.9515, 4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.0290, 16.2547, 13.1296 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(175, 146, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 146, 193) }
```

Border

The CSS property to change the border of an element to YUV 160.0290, 16.2547, 13.1296 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, 193) }
```


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

```
.border{ border-color:rgb(175, 146, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 146, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 146, 193);  
box-shadow:4px 4px 4px 4px rgb(175, 146,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 160.0290, 16.2547, 13.1296 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, 193) }
```

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

```
.background{ background-color: rgb(175,  
146, 193) }
```

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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