

Converting Colors

YUV(153.4160, 32.8259,
18.0522)

Have a look what the booklet for
YUV(153.4160, 32.8259, 18.0522)
contains.

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Color

**YUV(153.4160, 32.8259,
18.0522)**

Conversions

Conversions Part 1

Format	Color
Hex	AE82DC
RGB	174, 130, 220
RGB Percent	68%, 51%, 86%
CMY	0.3176, 0.4902, 0.1373
CMYK	0.21, 0.41, 0.00, 0.14
HSL	269°, 56%, 69%
HSV	269°, 41%, 86%
XYZ	38.3565, 30.1312, 71.5045
YIQ	153.4160, -2.6660, 37.3180

Conversions

Conversions Part 2

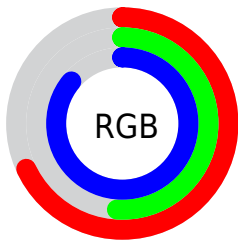
Format	Color
RYB	174, 130, 220
Decimal	11436764
CIELab	61.77, 34.29, -39.76
CIElCh	62, 52.502, 310.772
Yxy	30.1312, 0.2740, 0.2152
Android (android.graphics.Color)	4289626844 (0xFFAE82DC)
YUV	153.4160, 32.8259, 18.0522
Hunter-Lab	54.8919, 28.6683, -38.8092

Details

The YUV color **153.4160, 32.8259, 18.0522** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **196.5840, -32.8259, -18.0522**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1470, 24.0845, 21.7961**, and **101.6500, 31.2316, 16.0930** is the 20% darker color. If you saturate the color by 10%, you get **137.2130, 40.8140, 22.6152**, and if you desaturate by 10%, it is **169.6190, 24.8378, 13.4891**.

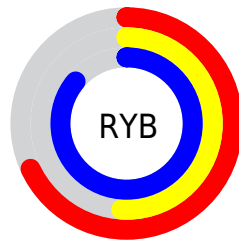
Distribution



Red (68%)

Green (51%)

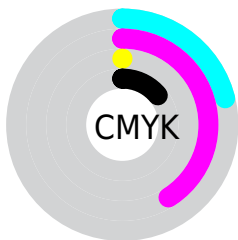
Blue (86%)



Red (68%)

Yellow (51%)

Blue (86%)

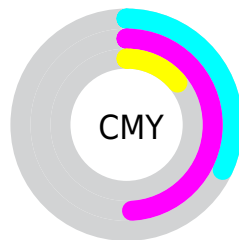


Cyan (21%)

Magenta (41%)

Yellow (0%)

Black (14%)



Cyan (32%)


Magenta (49%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.4160, 32.8259, 18.0522 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 153.4160, 32.8259, 18.0522 by changing the saturation by 10% instead.

 153.4160, 32.8259,
18.0522


 153.4160, 32.8259,
18.0522


255.0000, 0.0000,
0.0000


 126.8890, 32.0997,
17.6373


 206.1470, 24.0845,
21.7961


 101.6500, 31.2316,
16.0930


 229.1720, 12.7332,
22.6512

 76.4110, 30.3634,
14.5486

 246.1950, 4.3409,
7.7220

 52.4710, 29.3478,
13.6189

 27.7590, 29.2058,
12.4894

 13.1620, 24.5701,
5.9969

 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 153.4160, 32.8259,
18.0522

■ 153.4160, 32.8259,
18.0522

■ 137.2130, 40.8140,
22.6152

■ 169.6190, 24.8378,
13.4891

■ 121.0100, 48.8021,
27.1782

■ 185.8220, 16.8498,
8.9261

■ 104.5080, 56.9376,
31.1265

■ 202.3240, 8.7143,
4.9779

■ 88.3050, 64.9256,
35.6895

■ 218.5270, 0.7262,
0.4148

72.1020, 72.9137,
40.2525

234.7300, -7.2619,
-4.1482

57.3720, 80.1756,
44.4008

246.8240,
-13.2242, -5.1076

250.4120,
-14.9931, 2.2697

251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



143.3420, 48.1454, -42.3959



153.4160, 32.8259, 18.0522



152.4460, 14.0771, 58.3679

Triad

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



153.4160, 32.8259, 18.0522



146.3580, -43.0675, 47.0440



119.7740, 22.2964, -105.0418

Complementary

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



153.4160, 32.8259, 18.0522



196.5840, -32.8259, -18.0522

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.



116.1180, 0.4348, -93.0655



153.4160, 32.8259, 18.0522



142.6930, -44.7116, 14.3012

Square

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



153.4160, 32.8259, 18.0522



147.5130, -27.8609, 69.7101



137.1100, -30.6202, -25.5295



123.6160, 42.0943, -108.4112

Rectangle

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



153.4160, 32.8259, 18.0522



150.1630, -0.0804, 72.6480



137.1100, -30.6202, -25.5295



117.9500, 15.3076, -103.4421

Sweetspot

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



153.4160, 32.8259, 18.0522



232.0190, 11.3296, 6.1223



167.8490, 25.7104, -33.1936



114.4440, 6.6831, 3.1186



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.



153.4160, 32.8259, 18.0522



162.4890, 45.6079, 25.0041



166.8710, 26.1926, 45.7171



101.7490, 4.0677, 1.9741



45.1370, 63.0365, 34.9599



11.8220, 16.8498, 8.9261

Inverse Universe

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



162.1540, 6.8261, 50.7309



174.6710, 9.5292, 70.4485



183.1290, -26.1926, -45.7171



102.8590, 0.5625, 6.2627



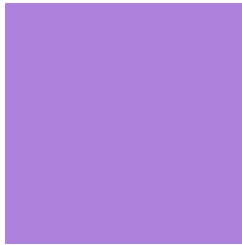
61.8730, 13.3736, 97.4584



16.3760, 3.2656, 25.9802

Previews

White Background



This preview shows how the YUV color 153.4160, 32.8259, 18.0522 looks on a white background.

Color Contrast Check

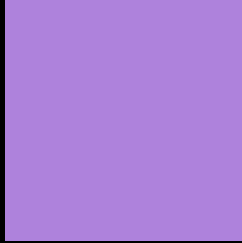
Large Text (above 18pt) WCAG AA × Fail

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 153.4160, 32.8259, 18.0522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

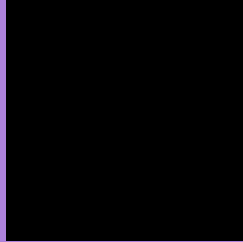
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.4160, 32.8259, 18.0522

Background



This preview shows how black text looks on a background with the YUV color 153.4160, 32.8259, 18.0522.



This preview shows how white text looks on a background with the YUV color 153.4160, 32.8259, 18.0522.

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

153.4160, 32.8259, 18.0522

Protanopia

147.9480, 42.4236, -27.1414

Deuteranopia

147.9780, 33.5348, -22.7827



Tritanopia

150.9350, 2.0040, 10.5810

Trichromacy



Original Color

153.4160, 32.8259, 18.0522

Protanomaly

150.1350, 38.8804, -10.6424

Deuteranomaly

149.6640, 33.1966, -7.5983

Tritanomaly

151.9320, 13.3445, 13.2146

Monochromacy



Original Color

153.4160, 32.8259, 18.0522

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.4320, 11.6190, 6.6371

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4160, 32.8259, 18.0522 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(174, 130, 220)` looks like.

```
.text, #text, p{  
    color:rgb(174, 130, 220)  
}
```

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(174, 130, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 130, 220) }
```

Border

The CSS property to change the border of an element to YUV 153.4160, 32.8259, 18.0522 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(174, 130, 220) }
```


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

```
.border{ border-color:rgb(174, 130, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 130, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 130, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 130, 220);  
box-shadow:4px 4px 4px 4px rgb(174, 130,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 153.4160, 32.8259, 18.0522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 130, 220) }
```

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

```
.background{ background-color: rgb(174,  
130, 220) }
```

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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