

Converting Colors

YUV(152.8520, 28.1740,
16.7928)

Have a look what the booklet for
YUV(152.8520, 28.1740, 16.7928)
contains.

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Color

**YUV(152.8520, 28.1740,
16.7928)**

Conversions

Conversions Part 1

Format	Color
Hex	AC84D2
RGB	172, 132, 210
RGB Percent	67%, 52%, 82%
CMY	0.3255, 0.4824, 0.1765
CMYK	0.18, 0.37, 0.00, 0.18
HSL	271°, 46%, 67%
HSV	271°, 37%, 82%
XYZ	36.8974, 29.9263, 64.8044
YIQ	152.8520, -1.1980, 32.7380

Conversions

Conversions Part 2

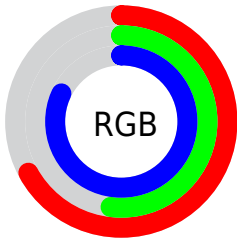
Format	Color
R_{YB}	172, 132, 210
Decimal	11306194
CIE _{Lab}	61.59, 30.30, -34.46
CIE _{LCh}	62, 45.885, 311.330
Yxy	29.9263, 0.2803, 0.2274
Android (android.graphics.Color)	4289496274 (0xFFAC84D2)
YUV	152.8520, 28.1740, 16.7928
Hunter-Lab	54.7050, 24.6609, -31.9425

Details

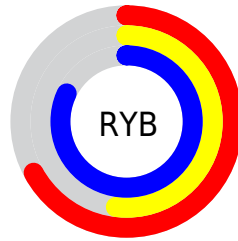
The YUV color **152.8520, 28.1740, 16.7928** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **189.1480, -28.1740, -16.7928**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4240, 23.9480, 18.9222**, and **101.0860, 26.5796, 14.8336** is the 20% darker color. If you saturate the color by 10%, you get **137.5350, 35.7252, 21.4558**, and if you desaturate by 10%, it is **168.1690, 20.6227, 12.1298**.

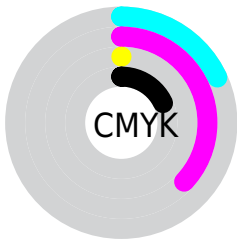
Distribution



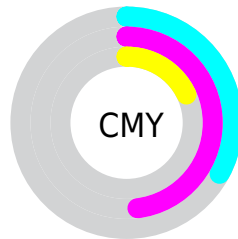
- Red (67%)
- Green (52%)
- Blue (82%)



- Red (67%)
- Yellow (52%)
- Blue (82%)



- Cyan (18%)
- Magenta (37%)
- Yellow (0%)
- Black (18%)



- Cyan (33%)
- Magenta (48%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.8520, 28.1740, 16.7928 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 152.8520, 28.1740, 16.7928 by changing the saturation by 10% instead.

152.8520, 28.1740,
16.7928

152.8520, 28.1740,
16.7928

255.0000, 0.0000,
0.0000

126.3250, 27.4478,
16.3780

206.4240, 23.9480,
18.9222

101.0860, 26.5796,
14.8336

230.3460, 12.1544,
21.6216

76.2600, 26.0008,
13.8040

247.3690, 3.7621,
6.6924

52.3200, 24.9852,
12.8744

29.4940, 24.4065,
11.8448

12.9620, 21.2177,
7.9263

4.9360, 13.8356,

-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 152.8520, 28.1740,
16.7928

■ 152.8520, 28.1740,
16.7928

■ 137.5350, 35.7252,
21.4558

■ 168.1690, 20.6227,
12.1298

■ 122.2180, 43.2765,
26.1188

■ 183.4860, 13.0714,
7.4668

■ 106.6020, 50.9752,
30.1670

■ 199.1020, 5.3727,
3.4185

■ 91.2850, 58.5265,
34.8301

■ 214.4190, -2.1786,
-1.2445

75.9680, 66.0778,
39.4931

229.7360, -9.7298,
-5.9075

60.6510, 73.6291,
44.1561

243.2920,
-16.4130, -9.0261

56.2320, 75.8076,
45.4005

246.5810,
-18.0344, -2.2635

249.5710,
-19.5085, 3.8842

249.8700,
-19.6559, 4.4990

Harmonies

Analogous

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



145.1600, 40.8401, -32.5893



152.8520, 28.1740, 16.7928



152.1200, 11.7728, 50.7608

Triad

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



152.8520, 28.1740, 16.7928



146.5190, -37.2309, 41.6408



117.7850, 22.2910, -103.2974

Complementary

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



152.8520, 28.1740, 16.7928



189.1480, -28.1740, -16.7928

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.



127.3600, -3.1355, -67.8447



152.8520, 28.1740, 16.7928



143.4030, -38.1597, 12.8016

Square

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



152.8520, 28.1740, 16.7928



148.4410, -25.3604, 61.0032



138.8700, -26.5579, -21.8110



120.9430, 39.4681, -106.0670

Rectangle

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



152.8520, 28.1740, 16.7928



150.5810, -0.7794, 63.5115



138.8700, -26.5579, -21.8110



116.1890, 16.1758, -101.8978

Sweetspot

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



152.8520, 28.1740, 16.7928



234.3780, 10.1666, 5.8075



163.7850, 22.7840, -27.8754



115.3300, 6.2463, 3.2186



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.



152.8520, 28.1740, 16.7928



170.7510, 41.5348, 24.7744



164.2140, 22.5725, 40.1543



96.7490, 4.0677, 1.9741



44.8660, 60.7051, 36.0745



10.9530, 14.8132, 8.8112

Inverse Universe

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



159.6540, 5.1006, 44.1534



180.7690, 7.5089, 65.1006



177.7860, -22.5725, -40.1543



97.8590, 0.5625, 6.2627



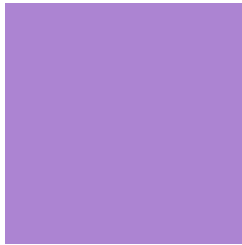
59.5800, 11.0531, 95.0843



14.5390, 2.6923, 23.2063

Previews

White Background



This preview shows how the YUV color 152.8520, 28.1740, 16.7928 looks on a white background.

Color Contrast Check

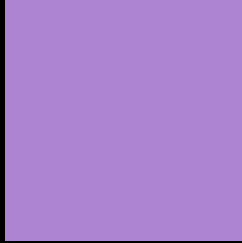
Large Text (above 18pt) WCAG AA ✓ Pass

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 152.8520, 28.1740, 16.7928 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 × Fail

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

YUV 152.8520, 28.1740, 16.7928

Background



This preview shows how black text looks on a background with the YUV color 152.8520, 28.1740, 16.7928.



This preview shows how white text looks on a background with the YUV color 152.8520, 28.1740,

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

152.8520, 28.1740, 16.7928

Protanopia

147.7870, 36.5870, -21.7382

Deuteranopia

148.7570, 28.7138, -16.4499



Tritanopia

150.3480, 2.2934, 11.0958

Trichromacy



Original Color

152.8520, 28.1740, 16.7928

Protanomaly

149.7780, 33.6334, -7.6983

Deuteranomaly

150.4210, 28.3864, -4.7542

Tritanomaly

151.1770, 11.7447, 12.9998

Monochromacy



Original Color

152.8520, 28.1740, 16.7928

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.7910, 10.4560, 6.3223

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.8520, 28.1740, 16.7928 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(172, 132, 210)` looks like.

```
.text, #text, p{  
    color:rgb(172, 132, 210)  
}
```

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(172, 132, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 132, 210) }
```

Border

The CSS property to change the border of an element to YUV 152.8520, 28.1740, 16.7928 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(172, 132, 210) }
```


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

```
.border{ border-color:rgb(172, 132, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 132, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 132, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 132, 210);  
box-shadow:4px 4px 4px 4px rgb(172, 132,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 152.8520, 28.1740, 16.7928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 132, 210) }
```

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

```
.background{ background-color: rgb(172,  
132, 210) }
```

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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