

Converting Colors

YUV(154.1990, 28.4959, 6.8415)

Have a look what the booklet for
YUV(154.1990, 28.4959, 6.8415)
contains.

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Color

**YUV(154.1990, 28.4959,
6.8415)**

Conversions

Conversions Part 1

Format	Color
Hex	A28BD4
RGB	162, 139, 212
RGB Percent	64%, 55%, 83%
CMY	0.3647, 0.4549, 0.1686
CMYK	0.24, 0.34, 0.00, 0.17
HSL	259°, 46%, 69%
HSV	259°, 34%, 83%
XYZ	36.0166, 30.9001, 66.3534
YIQ	154.1990, -9.7250, 27.5790

Conversions

Conversions Part 2

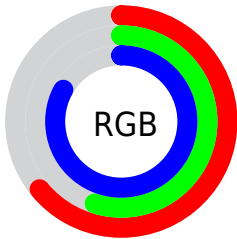
Format	Color
R_{YB}	162, 139, 212
Decimal	10652628
CIE _{Lab}	62.42, 23.79, -34.35
CIE _{LCh}	62, 41.783, 304.703
Yxy	30.9001, 0.2703, 0.2319
Android (android.graphics.Color)	4288842708 (0xFFA28BD4)
YUV	154.1990, 28.4959, 6.8415
Hunter-Lab	55.5878, 18.3753, -31.8610

Details

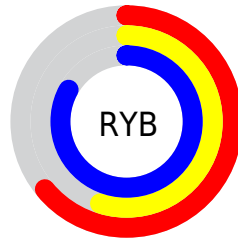
The YUV color **154.1990, 28.4959, 6.8415** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **196.8010, -28.4959, -6.8415**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5430, 23.3963, 9.1708**, and **102.7320, 26.7541, 5.4970** is the 20% darker color. If you saturate the color by 10%, you get **137.3870, 36.7842, 8.4306**, and if you desaturate by 10%, it is **171.0110, 20.2076, 5.2524**.

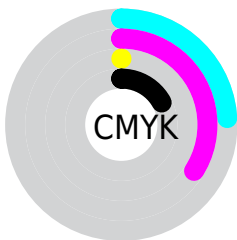
Distribution



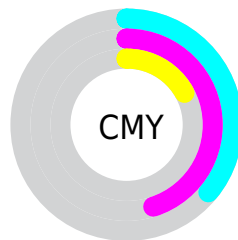
- Red (64%)
- Green (55%)
- Blue (83%)



- Red (64%)
- Yellow (55%)
- Blue (83%)



- Cyan (24%)
- Magenta (34%)
- Yellow (0%)
- Black (17%)



- Cyan (36%)
- Magenta (45%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.1990, 28.4959, 6.8415 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 154.1990, 28.4959, 6.8415 by changing the saturation by 10% instead.

154.1990, 28.4959,
6.8415

154.1990, 28.4959,
6.8415

255.0000, 0.0000,
0.0000

127.6720, 27.7697,
6.4267

207.5430, 23.3963,
9.1708

102.7320, 26.7541,
5.4970

232.6500, 11.0186,
12.5850

77.9060, 26.1753,
4.4674

251.4780, 1.7363,
3.0888

54.5530, 24.8704,
3.0230

32.0150, 24.1496,
0.8638

9.7870, 23.2760,
1.0638

5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 154.1990, 28.4959,
6.8415

■ 154.1990, 28.4959,
6.8415

■ 137.3870, 36.7842,
8.4306

■ 171.0110, 20.2076,
5.2524

■ 120.8740, 44.9251,
10.6345

■ 187.5240, 12.0667,
3.0485

■ 103.4750, 53.5028,
12.7384

■ 204.9230, 3.4890,
0.9445

■ 86.9620, 61.6437,
14.9423

■ 221.4360, -4.6519,
-1.2594

70.1500, 69.9320,
16.5314

238.2480,
-12.9403, -2.8485

53.6370, 78.0730,
18.7354

248.3040,
-17.8979, 0.6104

44.2010, 82.7249,
19.9947

250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



145.6600, 39.1146, -39.1668



154.1990, 28.4959, 6.8415



155.2220, 13.6946, 41.0243

Triad

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



154.1990, 28.4959, 6.8415



150.0830, -32.5789, 42.9002



117.5740, 18.9440, -103.1124

Complementary

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



154.1990, 28.4959, 6.8415



196.8010, -28.4959, -6.8415

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.



136.2870, -9.0155, -48.4867



154.1990, 28.4959, 6.8415



147.4190, -35.7026, 18.0495

Square

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



154.1990, 28.4959, 6.8415



151.7980, -20.1134, 58.0592



143.1100, -27.1692, -12.3745



121.0910, 34.9581, -106.1968

Rectangle

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



154.1990, 28.4959, 6.8415



154.0360, 2.4473, 55.2194



143.1100, -27.1692, -12.3745



125.0620, 8.8434, -83.3694

Sweetspot

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



154.1990, 28.4959, 6.8415



235.2420, 9.7407, 2.4188



177.2590, 17.1273, -33.5531



115.3190, 6.2517, 1.4742



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.



154.1990, 28.4959, 6.8415



171.8370, 40.9994, 9.7900



164.6640, 23.3366, 28.3587



98.4500, 4.2152, 1.3594



35.6400, 66.7325, 16.1017



9.0880, 16.7186, 4.3078

Inverse Universe

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



166.5270, 11.0792, 39.8798



189.6030, 15.9717, 57.3532



186.3360, -23.3366, -28.3587



100.2010, 1.8729, 5.9627



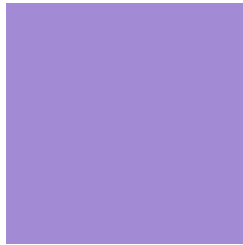
64.4670, 25.8988, 93.4294



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 154.1990, 28.4959, 6.8415 looks on a white background.

Color Contrast Check

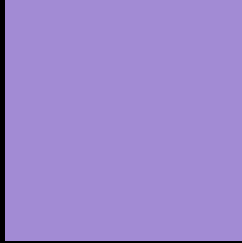
Large Text (above 18pt) WCAG AA × Fail

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 154.1990, 28.4959, 6.8415 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 154.1990, 28.4959, 6.8415

Background



This preview shows how black text looks on a background with the YUV color 154.1990, 28.4959, 6.8415.



This preview shows how white text looks on a background with the YUV color 154.1990, 28.4959,

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

154.1990, 28.4959, 6.8415

Protanopia

150.8150, 34.1082, -20.0088

Deuteranopia

150.5720, 29.2980, -17.1646



Tritanopia

151.5640, 4.6519, 1.2594

Trichromacy



Original Color

154.1990, 28.4959, 6.8415

Protanomaly

151.7130, 32.1865, -10.2723

Deuteranomaly

151.6270, 29.2709, -8.4429

Tritanomaly

152.2790, 13.6665, 3.2633

Monochromacy



Original Color

154.1990, 28.4959, 6.8415

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.3560, 10.1775, 2.3188

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.1990, 28.4959, 6.8415 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(162, 139, 212)` looks like.

```
.text, #text, p{  
    color:rgb(162, 139, 212)  
}
```

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(162, 139, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 139, 212) }
```

Border

The CSS property to change the border of an element to YUV 154.1990, 28.4959, 6.8415 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(162, 139, 212) }
```


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

```
.border{ border-color:rgb(162, 139, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 139, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 139, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 139, 212);  
box-shadow:4px 4px 4px 4px rgb(162, 139,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 154.1990, 28.4959, 6.8415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 139, 212) }
```

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

```
.background{ background-color: rgb(162,  
139, 212) }
```

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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