

Converting Colors

YUV(171.5600, 27.8249,
35.4659)

Have a look what the booklet for
YUV(171.5600, 27.8249, 35.4659)
contains.

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Color

**YUV(171.5600, 27.8249,
35.4659)**

Conversions

Conversions Part 1

Format	Color
Hex	D48CE4
RGB	212, 140, 228
RGB Percent	83%, 55%, 89%
CMY	0.1686, 0.4510, 0.1059
CMYK	0.07, 0.39, 0.00, 0.11
HSL	289°, 62%, 72%
HSV	289°, 39%, 89%
XYZ	50.5331, 38.3547, 78.1386
YIQ	171.5600, 14.6640, 42.6320

Conversions

Conversions Part 2

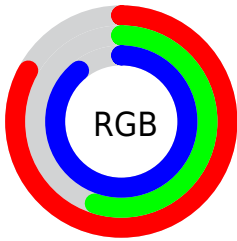
Format	Color
R _Y B	212, 140, 228
Decimal	13929700
CIE Lab	68.28, 41.78, -33.75
CIE LCh	68, 53.704, 321.068
Yxy	38.3547, 0.3025, 0.2296
Android (android.graphics.Color)	4292119780 (0xFFD48CE4)
YUV	171.5600, 27.8249, 35.4659
Hunter-Lab	61.9311, 37.2686, -31.4545

Details

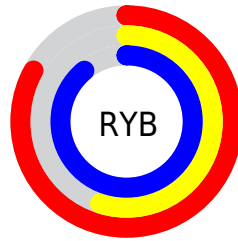
The YUV color **171.5600, 27.8249, 35.4659** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **196.4400, -27.8249, -35.4659**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7800, 17.3635, 30.8879**, and **117.9080, 26.6674, 33.4067** is the 20% darker color. If you saturate the color by 10%, you get **156.8630, 35.0705, 44.8471**, and if you desaturate by 10%, it is **186.2570, 20.5793, 26.0846**.

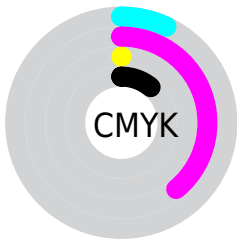
Distribution



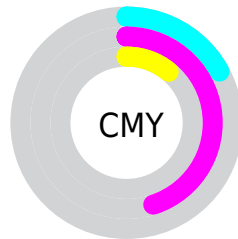
- Red (83%)
- Green (55%)
- Blue (89%)



- Red (83%)
- Yellow (55%)
- Blue (89%)



- Cyan (7%)
- Magenta (39%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (45%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5600, 27.8249, 35.4659 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 171.5600, 27.8249, 35.4659 by changing the saturation by 10% instead.

171.5600, 27.8249,
35.4659

171.5600, 27.8249,
35.4659

255.0000, 0.0000,
0.0000

144.7340, 27.2461,
34.4363

219.7800, 17.3635,
30.8879

117.9080, 26.6674,
33.4067

236.2160, 9.2605,
16.4736

92.0820, 26.0886,
32.3771

253.2390, 0.8682,
1.5444

66.3700, 25.9466,
31.2475

39.0220, 27.1042,
33.3067

23.5280, 22.9107,
24.9699

14.7410, 16.3967,

14.2591

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 171.5600, 27.8249,
35.4659

■ 171.5600, 27.8249,
35.4659

■ 156.8630, 35.0705,
44.8471

■ 186.2570, 20.5793,
26.0846

■ 142.1660, 42.3162,
54.2284

■ 200.9540, 13.3337,
16.7033

■ 128.0560, 49.2724,
63.0949

■ 215.0640, 6.3774,
7.8369

■ 113.0600, 56.6654,
71.8614

■ 230.0600, -1.0156,
-0.9296

■ 98.3630, 63.9110,
81.2426

■ 244.7570, -8.2612,
-10.3109

■ 83.6660, 71.1567,
90.6239

■ 246.5400, -9.1402,
-8.3666

■ 81.9050, 72.0248,
92.1683

■ 247.7360, -9.7298,
-5.9075

■ 248.9320,
-10.3195, -3.4484

■ 250.1280,
-10.9091, -0.9893

Harmonies

Analogous

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



165.7580, 43.9963, -18.2048



171.5600, 27.8249, 35.4659



168.9760, 6.9138, 69.3040

Triad

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



171.5600, 27.8249, 35.4659



162.8640, -47.2610, 38.7073



134.9170, 32.0859, -118.3222

Complementary

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



171.5600, 27.8249, 35.4659



196.4400, -27.8249, -35.4659

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.



128.6300, 10.5354, -112.8085



171.5600, 27.8249, 35.4659



158.3710, -43.0739, 2.3056

Square

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



171.5600, 27.8249, 35.4659



165.3140, -36.1438, 66.3766



151.1340, -23.7301, -42.2135



136.6560, 51.4416, -119.8473

Rectangle

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



171.5600, 27.8249, 35.4659



166.1330, -7.9536, 77.9364



151.1340, -23.7301, -42.2135



133.0930, 25.0972, -116.7226

Sweetspot

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



171.5600, 27.8249, 35.4659



235.0090, 9.8556, 12.2701



159.4240, 33.8080, -17.0348



116.2380, 5.7987, 6.8073



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.



171.5600, 27.8249, 35.4659



180.0420, 36.9543, 47.3212



173.1520, 13.2361, 48.1017



107.3580, 3.7675, 4.9480



64.0600, 56.6654, 71.8614



18.3720, 16.0856, 20.7218

Inverse Universe

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



168.1360, -5.9830, 52.5007



175.3770, -8.0739, 69.8294



194.8480, -13.2361, -48.1017



106.8160, -0.8953, 7.1774



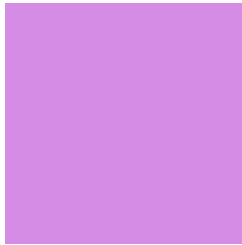
57.1690, -12.4083, 106.8458



16.2750, -3.5866, 30.4538

Previews

White Background



This preview shows how the YUV color 171.5600, 27.8249, 35.4659 looks on a white background.

Color Contrast Check

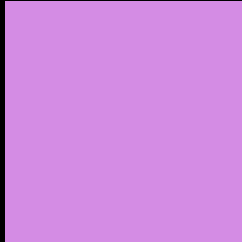
Large Text (above 18pt) WCAG AA × Fail

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 171.5600, 27.8249, 35.4659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

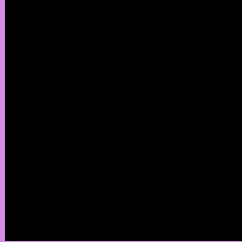
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.5600, 27.8249, 35.4659

Background



This preview shows how black text looks on a background with the YUV color 171.5600, 27.8249, 35.4659.



This preview shows how white text looks on a background with the YUV color 171.5600, 27.8249, 35.4659.

35.4659.

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

171.5600, 27.8249, 35.4659

Protanopia

165.9870, 39.9394, -23.6676

Deuteranopia

166.8390, 27.6874, -13.8908



Tritanopia

169.3180, -2.1288, 29.5391

Trichromacy



Original Color

171.5600, 27.8249, 35.4659



Protanomaly

167.9790, 35.5064, -1.7356



Deuteranomaly

168.3620, 27.9225, 4.0675



Tritanomaly

169.9020, 8.9223, 31.6579

Monochromacy



Original Color

171.5600, 27.8249, 35.4659



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.7210, 9.9975, 13.3997

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5600, 27.8249, 35.4659 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(212, 140, 228)` looks like.

```
.text, #text, p{  
    color:rgb(212, 140, 228)  
}
```

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(212, 140, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 140, 228) }
```

Border

The CSS property to change the border of an element to YUV 171.5600, 27.8249, 35.4659 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(212, 140, 228) }
```


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

```
.border{ border-color:rgb(212, 140, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 140, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 140, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 140, 228);  
box-shadow:4px 4px 4px 4px rgb(212, 140,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 171.5600, 27.8249, 35.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 140, 228) }
```

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

```
.background{ background-color: rgb(212,  
140, 228) }
```

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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