

Converting Colors

YUV(175.1960, 26.5254,
32.2771)

Have a look what the booklet for
YUV(175.1960, 26.5254, 32.2771)
contains.

YUV(175.1960, 26.5254, 32.2771)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(175.1960, 26.5254,
32.2771)**

Conversions

Conversions Part 1

Format	Color
Hex	D492E5
RGB	212, 146, 229
RGB Percent	83%, 57%, 90%
CMY	0.1686, 0.4275, 0.1020
CMYK	0.07, 0.36, 0.00, 0.10
HSL	288°, 61%, 74%
HSV	288°, 36%, 90%
XYZ	51.5731, 40.2120, 79.1722
YIQ	175.1960, 12.6930, 39.8050

Conversions

Conversions Part 2

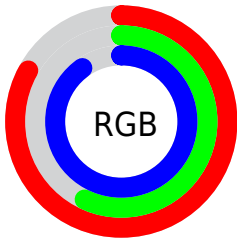
Format	Color
R _Y B	212, 146, 229
Decimal	13931237
CIE Lab	69.62, 38.76, -32.22
CIE LCh	70, 50.409, 320.263
Yxy	40.2120, 0.3017, 0.2352
Android (android.graphics.Color)	4292121317 (0xFFD492E5)
YUV	175.1960, 26.5254, 32.2771
Hunter-Lab	63.4129, 34.1998, -29.6357

Details

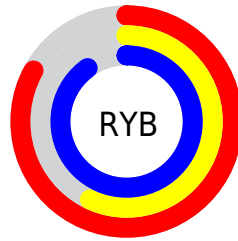
The YUV color **175.1960, 26.5254, 32.2771** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **199.8040, -26.5254, -32.2771**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3020, 15.6271, 27.7991**, and **121.5440, 25.3678, 30.2179** is the 20% darker color. If you saturate the color by 10%, you get **160.2000, 33.9184, 41.0436**, and if you desaturate by 10%, it is **190.1920, 19.1323, 23.5106**.

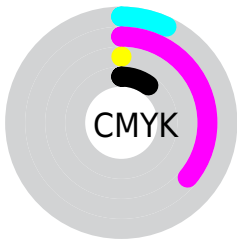
Distribution



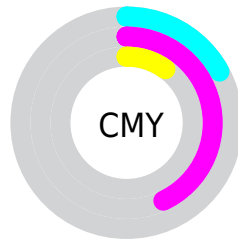
- Red (83%)
- Green (57%)
- Blue (90%)



- Red (83%)
- Yellow (57%)
- Blue (90%)



- Cyan (7%)
- Magenta (36%)
- Yellow (0%)
- Black (10%)





- Cyan (17%)
- Magenta (43%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 175.1960, 26.5254, 32.2771 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 175.1960, 26.5254, 32.2771 by changing the saturation by 10% instead.

 175.1960, 26.5254,
32.2771

 175.1960, 26.5254,
32.2771

255.0000, 0.0000,
0.0000


 148.3700, 25.9466,
31.2475


 223.3020, 15.6271,
27.7991


 121.5440, 25.3678,
30.2179

 239.7380, 7.5242,
13.3848

 95.7180, 24.7890,
29.1883

 70.3050, 24.4996,
28.6735

 45.0060, 24.6470,
28.0587

 23.9410, 23.2001,
25.4847

 15.4530, 16.5387,

15.3887

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 175.1960, 26.5254,
32.2771

■ 175.1960, 26.5254,
32.2771

■ 160.2000, 33.9184,
41.0436

■ 190.1920, 19.1323,
23.5106

■ 145.5030, 41.1640,
50.4249

■ 204.8890, 11.8867,
14.1293

■ 130.5070, 48.5570,
59.1914

■ 219.8850, 4.4937,
5.3629

■ 115.5110, 55.9501,
67.9579

■ 234.8810, -2.8993,
-3.4036

100.8140, 63.1957,
77.3391

246.0560, -8.4086,
-9.6961

86.4050, 70.2993,
85.5908

247.5510, -9.1456,
-6.6222

80.5240, 73.1987,
88.9945

249.0460, -9.8827,
-3.5483

250.5410,
-10.6197, -0.4745

251.7370,
-11.2093, 1.9847

Harmonies

Analogous

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



169.8890, 41.9597, -18.3197



175.1960, 26.5254, 32.2771



173.2420, 6.7827, 64.6858

Triad

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



175.1960, 26.5254, 32.2771



166.7760, -43.7666, 37.9074



136.0910, 31.5071, -119.3518

Complementary

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



175.1960, 26.5254, 32.2771



199.8040, -26.5254, -32.2771

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.



131.9400, 10.3826, -110.4494



175.1960, 26.5254, 32.2771



163.0660, -40.4585, 3.4501

Square

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



175.1960, 26.5254, 32.2771



169.5740, -33.8070, 63.5176



155.9820, -23.1621, -37.6952



138.1890, 49.6998, -121.1918

Rectangle

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



175.1960, 26.5254, 32.2771



170.9260, -7.3585, 73.7329



155.9820, -23.1621, -37.6952



134.3810, 24.9552, -117.8521

Sweetspot

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



175.1960, 26.5254, 32.2771



236.7700, 8.9874, 10.7257



166.0280, 31.0452, -17.5646



116.8250, 5.5093, 6.2925



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.



175.1960, 26.5254, 32.2771



183.8520, 35.0760, 43.1028



177.5430, 13.5363, 45.1278



107.0590, 3.9149, 4.3333



62.8640, 57.2550, 69.4023



18.0730, 16.2330, 20.1070

Inverse Universe

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



172.7550, -4.8092, 49.3269



180.5120, -6.1684, 65.3260



197.4570, -13.5363, -45.1278



106.9300, -0.4585, 7.0774



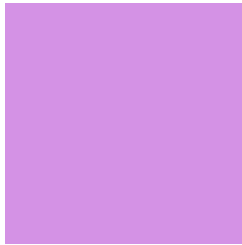
57.7390, -10.2243, 106.3459



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 175.1960, 26.5254, 32.2771 looks on a white background.

Color Contrast Check

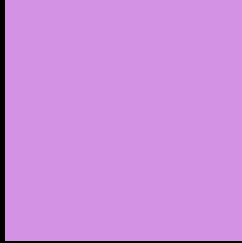
Large Text (above 18pt) WCAG AA × Fail

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 175.1960, 26.5254, 32.2771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

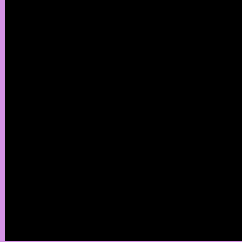
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.1960, 26.5254, 32.2771

Background



This preview shows how black text looks on a background with the YUV color 175.1960, 26.5254, 32.2771.



This preview shows how white text looks on a background with the YUV color 175.1960, 26.5254, 32.2771.

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

175.1960, 26.5254, 32.2771

Protanopia

170.0150, 37.4606, -21.9382

Deuteranopia

171.2090, 26.5190, -12.4613



Tritanopia

173.1220, -1.5391, 27.0800

Trichromacy



Original Color

175.1960, 26.5254, 32.2771



Protanomaly

171.8110, 33.6172, -2.4652



Deuteranomaly

172.6070, 26.3227, 3.8527



Tritanomaly

174.0650, 8.3490, 28.8840

Monochromacy



Original Color

175.1960, 26.5254, 32.2771



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.7100, 10.0030, 11.6553

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.1960, 26.5254, 32.2771 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, 146, 229)` looks like.

```
.text, #text, p{  
    color:rgb(212, 146, 229)  
}
```

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, 146, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 146, 229) }
```

Border

The CSS property to change the border of an element to YUV 175.1960, 26.5254, 32.2771 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, 146, 229) }
```


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

```
.border{ border-color:rgb(212, 146, 229) }
```

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

Here you see how a box with a 4 pixel rgb(212, 146, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 146, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 146, 229);  
box-shadow:4px 4px 4px 4px rgb(212, 146,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 175.1960, 26.5254, 32.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 146, 229) }
```

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

```
.background{ background-color: rgb(212,  
146, 229) }
```

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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