

Converting Colors

YUV(161.1260, 29.5179,
52.5095)

Have a look what the booklet for
YUV(161.1260, 29.5179, 52.5095)
contains.

YUV(161.1260, 29.5179, 52.5095)	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(161.1260, 29.5179,
52.5095)**

Conversions

Conversions Part 1

Format	Color
Hex	DD77DD
RGB	221, 119, 221
RGB Percent	87%, 47%, 87%
CMY	0.1333, 0.5333, 0.1333
CMYK	0.00, 0.46, 0.00, 0.13
HSL	300°, 60%, 67%
HSV	300°, 46%, 87%
XYZ	49.4668, 33.7863, 72.3208
YIQ	161.1260, 28.0500, 53.3460

Conversions

Conversions Part 2

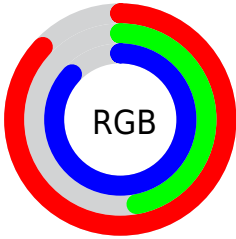
Format	Color
R _{YB}	221, 119, 221
Decimal	14514141
CIE Lab	64.79, 53.94, -35.20
CIE LCh	65, 64.414, 326.872
Yxy	33.7863, 0.3180, 0.2172
Android (android.graphics.Color)	4292704221 (0xFFDD77DD)
YUV	161.1260, 29.5179, 52.5095
Hunter-Lab	58.1260, 50.1879, -33.0810

Details

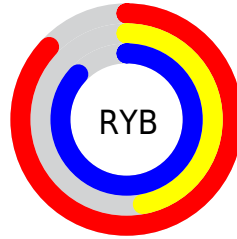
The YUV color **161.1260, 29.5179, 52.5095** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **178.8740, -29.5179, -52.5095**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4530, 23.4407, 41.6987**, and **106.1150, 29.5233, 50.7651** is the 20% darker color. If you saturate the color by 10%, you get **148.2120, 35.8845, 63.8351**, and if you desaturate by 10%, it is **174.0400, 23.1513, 41.1839**.

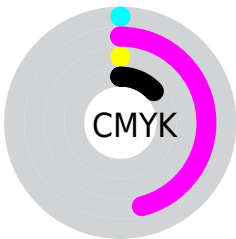
Distribution



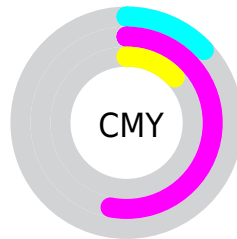
- Red (87%)
- Green (47%)
- Blue (87%)



- Red (87%)
- Yellow (47%)
- Blue (87%)



- Cyan (0%)
- Magenta (46%)
- Yellow (0%)
- Black (13%)




- Cyan (13%)
- Magenta (53%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 161.1260, 29.5179, 52.5095 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 161.1260, 29.5179, 52.5095 by changing the saturation by 10% instead.


 161.1260, 29.5179,
52.5095


 161.1260, 29.5179,
52.5095


255.0000, 0.0000,
0.0000


 133.4140, 29.3759,
51.3799


 207.4530, 23.4407,
41.6987

 106.1150, 29.5233,
50.7651


 223.8890, 15.3377,
27.2843

 78.2290, 29.9601,
50.6652

 240.9120, 6.9454,
12.3552

 45.4730, 33.2908,
55.7132

 34.5500, 26.3509,
41.6136

 24.3390, 19.5529,
28.6437

 14.3560, 13.6285,

15.4738

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 161.1260, 29.5179,
52.5095

■ 161.1260, 29.5179,
52.5095

■ 148.2120, 35.8845,
63.8351

■ 174.0400, 23.1513,
41.1839

■ 135.2980, 42.2511,
75.1607

■ 186.9540, 16.7847,
29.8583

■ 122.3840, 48.6177,
86.4862

■ 199.8680, 10.4181,
18.5328

■ 109.4700, 54.9843,
97.8118

■ 212.7820, 4.0515,
7.2072

■ 95.9690, 61.6403,
109.6522

■ 226.2830, -2.6045,
-4.6332

■ 91.2730, 63.9554,
113.7706

■ 239.1970, -8.9711,
-15.9588

■ 240.9580, -9.8393,
-17.5032

Harmonies

Analogous

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



157.2520, 48.1898, -9.8680



161.1260, 29.5179, 52.5095



155.0430, 5.4018, 87.6623

Triad

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



161.1260, 29.5179, 52.5095



149.5960, -60.9328, 37.1883



131.7200, 37.6060, -115.5184

Complementary

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



161.1260, 29.5179, 52.5095



178.8740, -29.5179, -52.5095

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.



124.9940, 11.8350, -109.6197



161.1260, 29.5179, 52.5095



144.7690, -50.1721, -7.6904

Square

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



161.1260, 29.5179, 52.5095



153.3010, -46.4904, 71.6500



130.3970, -19.4227, -70.5082



133.9150, 58.7089, -117.4435

Rectangle

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



161.1260, 29.5179, 52.5095



151.1840, -11.9227, 91.0466



130.3970, -19.4227, -70.5082



130.1410, 29.0175, -114.1337

Sweetspot

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



161.1260, 29.5179, 52.5095



233.8680, 10.4181, 18.5328



130.6280, 44.5534, -10.1978



115.0860, 6.3666, 11.3256



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.



161.1260, 29.5179, 52.5095



172.8200, 40.5147, 72.0719



155.3120, 7.2412, 57.6084



103.5430, 3.1833, 5.6628



71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Inverse Universe

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



161.1260, 29.5179, 52.5095



172.8200, 40.5147, 72.0719



184.6880, -7.2412, -57.6084



103.5430, 3.1833, 5.6628



71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 161.1260, 29.5179, 52.5095 looks on a white background.

Color Contrast Check

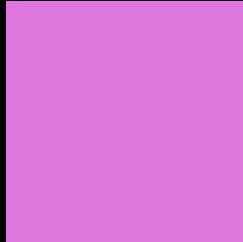
Large Text (above 18pt) WCAG AA × Fail

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 161.1260, 29.5179, 52.5095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

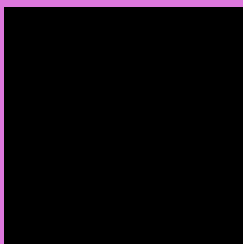
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.1260, 29.5179, 52.5095

Background



This preview shows how black text looks on a background with the YUV color 161.1260, 29.5179, 52.5095.



This preview shows how white text looks on a background with the YUV color 161.1260, 29.5179,

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

161.1260, 29.5179, 52.5095

Protanopia

155.0770, 46.7970, -29.8855

Deuteranopia

157.5400, 27.8348, -14.5056



Tritanopia

159.8640, -6.8350, 45.7233

Trichromacy



Original Color

161.1260, 29.5179, 52.5095



Protanomaly

156.9560, 40.4477, 0.0386



Deuteranomaly

158.9220, 28.6325, 9.7154



Tritanomaly

160.3170, 6.2527, 47.9570

Monochromacy



Original Color

161.1260, 29.5179, 52.5095



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

161.2810, 10.7075, 19.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.1260, 29.5179, 52.5095 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(221, 119, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 119, 221)  
}
```

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(221, 119, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 119, 221) }
```

Border

The CSS property to change the border of an element to YUV 161.1260, 29.5179, 52.5095 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(221, 119, 221) }
```


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

```
.border{ border-color:rgb(221, 119, 221) }
```

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

Here you see how a box with a 4 pixel rgb(221, 119, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 119, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 119, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 119,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 161.1260, 29.5179, 52.5095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 119, 221) }
```

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

```
.background{ background-color: rgb(221,  
119, 221) }
```

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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