

Converting Colors

YUV(163.6430, 28.7700,
59.0721)

Have a look what the booklet for
YUV(163.6430, 28.7700, 59.0721)
contains.

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Color

**YUV(163.6430, 28.7700,
59.0721)**

Conversions

Conversions Part 1

Format	Color
Hex	E776DE
RGB	231, 118, 222
RGB Percent	91%, 46%, 87%
CMY	0.0941, 0.5373, 0.1294
CMYK	0.00, 0.49, 0.04, 0.09
HSL	305°, 70%, 68%
HSV	305°, 49%, 91%
XYZ	52.6182, 35.2197, 73.1320
YIQ	163.6430, 33.9640, 56.3000

Conversions

Conversions Part 2

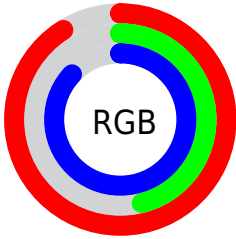
Format	Color
R _{YB}	231, 118, 222
Decimal	15169246
CIE _{Lab}	65.92, 57.45, -33.91
CIE _{LCh}	66, 66.714, 329.449
Yxy	35.2197, 0.3269, 0.2188
Android (android.graphics.Color)	4293359326 (0xFFE776DE)
YUV	163.6430, 28.7700, 59.0721
Hunter-Lab	59.3462, 54.4080, -31.5204

Details

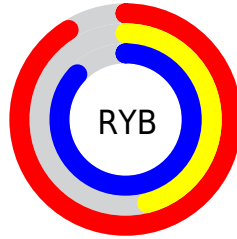
The YUV color **163.6430, 28.7700, 59.0721** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **185.3570, -28.7700, -59.0721**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4530, 23.4407, 41.6987**, and **107.6320, 28.7754, 57.3277** is the 20% darker color. If you saturate the color by 10%, you get **149.9140, 34.5524, 71.1124**, and if you desaturate by 10%, it is **177.3720, 22.9876, 47.0318**.

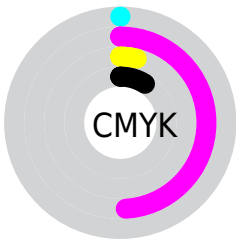
Distribution



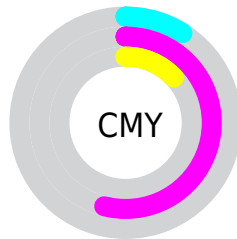
- Red (91%)
- Green (46%)
- Blue (87%)



- Red (91%)
- Yellow (46%)
- Blue (87%)



- Cyan (0%)
- Magenta (49%)
- Yellow (4%)
- Black (9%)





- Cyan (9%)
- Magenta (54%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 163.6430, 28.7700, 59.0721 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 163.6430, 28.7700, 59.0721 by changing the saturation by 10% instead.

 163.6430, 28.7700,
59.0721


 163.6430, 28.7700,
59.0721


255.0000, 0.0000,
0.0000


 135.9310, 28.6280,
57.9425


 207.4530, 23.4407,
41.6987


 107.6320, 28.7754,
57.3277


 223.8890, 15.3377,
27.2843

 78.6860, 30.2278,
58.1574

 240.9120, 6.9454,
12.3552

 47.9790, 32.5484,
60.5314

 37.0560, 25.6084,
46.4319

 26.5460, 18.9578,
32.8472

 16.8620, 12.8860,

20.2920

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 163.6430, 28.7700,
59.0721

■ 163.6430, 28.7700,
59.0721

■ 149.9140, 34.5524,
71.1124

■ 177.3720, 22.9876,
47.0318

■ 136.1850, 40.3348,
83.1528

■ 191.1010, 17.2052,
34.9914

■ 122.4560, 46.1172,
95.1931

■ 204.8300, 11.4228,
22.9511

■ 108.8410, 52.3364,
107.1334

■ 218.4450, 5.2036,
11.0107

94.5250, 58.4082,
119.6886

232.7610, -0.8682,
-1.5444

93.3510, 58.9870,
120.7182

245.3160, -6.0718,
-12.5551

245.5440, -5.1982,
-12.7551

245.7720, -4.3246,
-12.9550

246.0000, -3.4510,
-13.1550

Harmonies

Analogous

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



161.1280, 46.2789, -3.6203



163.6430, 28.7700, 59.0721



154.8150, 4.5282, 87.8622

Triad

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



163.6430, 28.7700, 59.0721



151.4340, -65.2900, 34.6994



135.0940, 40.3797, -118.4774

Complementary

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



163.6430, 28.7700, 59.0721



185.3570, -28.7700, -59.0721

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.



128.2540, 14.1718, -112.4788



163.6430, 28.7700, 59.0721



146.6220, -50.5926, -12.8235

Square

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



163.6430, 28.7700, 59.0721



155.6770, -50.1268, 71.3203



127.3240, -15.4427, -87.1071



135.9040, 58.7143, -119.1878

Rectangle

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



163.6430, 28.7700, 59.0721



151.4290, -13.5225, 90.8318



127.3240, -15.4427, -87.1071



132.9280, 32.0805, -116.5779

Sweetspot

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



163.6430, 28.7700, 59.0721



232.3520, 9.6865, 19.8623



133.2740, 48.1789, -6.3793



114.2710, 5.7824, 12.0403



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.



163.6430, 28.7700, 59.0721



165.5820, 38.1671, 78.4196



157.3730, 4.7461, 64.5709



107.8420, 3.0359, 6.2776



72.2170, 45.2490, 93.6487



20.6070, 13.0117, 26.6547

Inverse Universe

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



163.6430, 28.7700, 59.0721



165.5820, 38.1671, 78.4196



191.6270, -4.7461, -64.5709



107.8420, 3.0359, 6.2776



72.2170, 45.2490, 93.6487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 163.6430, 28.7700, 59.0721 looks on a white background.

Color Contrast Check

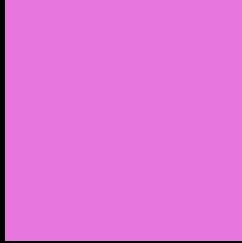
Large Text (above 18pt) WCAG AA × Fail

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 163.6430, 28.7700, 59.0721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

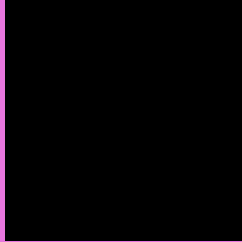
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.6430, 28.7700, 59.0721

Background



This preview shows how black text looks on a background with the YUV color 163.6430, 28.7700, 59.0721.



This preview shows how white text looks on a background with the YUV color 163.6430, 28.7700,

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

163.6430, 28.7700, 59.0721

Protanopia

158.1910, 47.2338, -29.9855

Deuteranopia

160.9100, 26.6664, -13.0761



Tritanopia

162.8540, -8.3090, 51.8710

Trichromacy



Original Color

163.6430, 28.7700, 59.0721



Protanomaly

160.2660, 40.2949, 2.3977



Deuteranomaly

161.7160, 27.7480, 13.4041



Tritanomaly

162.8340, 5.5048, 54.5196

Monochromacy



Original Color

163.6430, 28.7700, 59.0721



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.5910, 10.5546, 21.4067

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.6430, 28.7700, 59.0721 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(231, 118, 222)` looks like.

```
.text, #text, p{  
    color:rgb(231, 118, 222)  
}
```

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(231, 118, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 118, 222) }
```

Border

The CSS property to change the border of an element to YUV 163.6430, 28.7700, 59.0721 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(231, 118, 222) }
```


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

```
.border{ border-color:rgb(231, 118, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 118, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 118, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 118, 222);  
box-shadow:4px 4px 4px 4px rgb(231, 118,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 163.6430, 28.7700, 59.0721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 118, 222) }
```

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

```
.background{ background-color: rgb(231,  
118, 222) }
```

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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