

Converting Colors

YUV(161.7630, 26.7388,
57.2128)

Have a look what the booklet for
YUV(161.7630, 26.7388, 57.2128)
contains.

YUV(161.7630, 26.7388, 57.2128)	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(161.7630, 26.7388,
57.2128)**

Conversions

Conversions Part 1

Format	Color
Hex	E376D8
RGB	227, 118, 216
RGB Percent	89%, 46%, 85%
CMY	0.1098, 0.5373, 0.1529
CMYK	0.00, 0.48, 0.05, 0.11
HSL	306°, 66%, 68%
HSV	306°, 48%, 89%
XYZ	50.5517, 34.2456, 68.9114
YIQ	161.7630, 33.5060, 53.5860

Conversions

Conversions Part 2

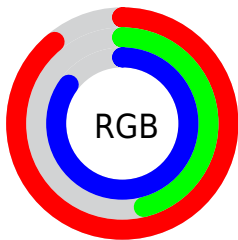
Format	Color
R _{YB}	227, 118, 216
Decimal	14907096
CIE _{Lab}	65.16, 55.29, -31.79
CIE _{LCh}	65, 63.778, 330.104
Yxy	34.2456, 0.3289, 0.2228
Android (android.graphics.Color)	4293097176 (0xFFE376D8)
YUV	161.7630, 26.7388, 57.2128
Hunter-Lab	58.5198, 51.7857, -28.8546

Details

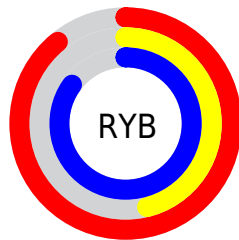
The YUV color **161.7630, 26.7388, 57.2128** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **183.2370, -26.7388, -57.2128**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8660, 23.7301, 42.2135**, and **106.4530, 26.8917, 54.8537** is the 20% darker color. If you saturate the color by 10%, you get **148.0340, 32.5212, 69.2532**, and if you desaturate by 10%, it is **175.4920, 20.9564, 45.1725**.

Distribution



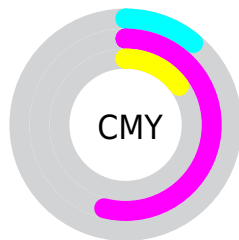
- Red (89%)
- Green (46%)
- Blue (85%)



- Red (89%)
- Yellow (46%)
- Blue (85%)



- Cyan (0%)
- Magenta (48%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (54%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.7630, 26.7388, 57.2128 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 161.7630, 26.7388, 57.2128 by changing the saturation by 10% instead.

161.7630, 26.7388,
57.2128

161.7630, 26.7388,
57.2128

255.0000, 0.0000,
0.0000

134.0510, 26.5969,
56.0833

206.8660, 23.7301,
42.2135

106.4530, 26.8917,
54.8537

223.8890, 15.3377,
27.2843

77.3930, 27.9073,
55.7833

240.9120, 6.9454,
12.3552

46.5120, 30.8066,
59.1870

35.5890, 23.8666,
45.0874

25.1930, 17.6529,
31.4027

15.3950, 11.1443,

18.9476

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 161.7630, 26.7388,
57.2128

■ 161.7630, 26.7388,
57.2128

■ 148.0340, 32.5212,
69.2532

■ 175.4920, 20.9564,
45.1725

■ 134.7780, 37.5774,
80.8787

■ 188.7480, 15.9002,
33.5470

■ 121.0490, 43.3598,
92.9190

■ 202.4770, 10.1178,
21.5067

■ 107.3200, 49.1422,
104.9594

■ 216.2060, 4.3354,
9.4663

■ 94.1780, 54.6352,
116.4849

■ 229.9350, -1.4470,
-2.5740

■ 91.1290, 55.6454,
119.1589

■ 243.1910, -6.5032,
-14.1995

■ 244.0060, -5.9190,
-14.9143

■ 244.2340, -5.0454,
-15.1142

■ 244.5760, -3.7350,
-15.4142

Harmonies

Analogous

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



160.2530, 46.7103, -1.9759



161.7630, 26.7388, 57.2128



154.9460, 2.4916, 87.7474

Triad

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



161.7630, 26.7388, 57.2128



150.0900, -60.1904, 32.3701



132.9910, 39.9374, -116.6331

Complementary

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



161.7630, 26.7388, 57.2128



183.2370, -26.7388, -57.2128

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.



126.4930, 15.0400, -110.9344



161.7630, 26.7388, 57.2128



144.9470, -46.8089, -13.1085

Square

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



161.7630, 26.7388, 57.2128



153.6380, -47.6425, 67.8465



128.1830, -14.8802, -80.8445



133.5560, 59.8719, -117.1286

Rectangle

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



161.7630, 26.7388, 57.2128



152.3750, -14.9749, 90.0021



128.1830, -14.8802, -80.8445



130.9390, 32.0751, -114.8335

Sweetspot

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



161.7630, 26.7388, 57.2128



233.4120, 8.6709, 18.9327



133.7150, 45.9895, -4.1351



114.7440, 5.0562, 11.6255



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.



161.7630, 26.7388, 57.2128



166.4140, 36.2779, 77.6899



155.6070, 3.1517, 62.6117



107.8420, 3.0359, 6.2776



71.7610, 43.5018, 94.0486



20.4930, 12.5750, 26.7546

Inverse Universe

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



161.7630, 26.7388, 57.2128



166.4140, 36.2779, 77.6899



189.3930, -3.1517, -62.6117



107.8420, 3.0359, 6.2776



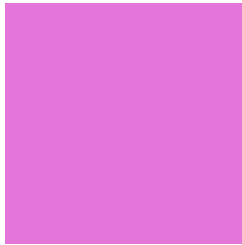
71.7610, 43.5018, 94.0486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 161.7630, 26.7388, 57.2128 looks on a white background.

Color Contrast Check

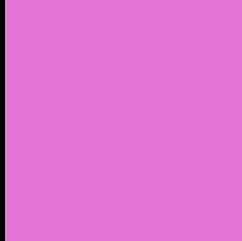
Large Text (above 18pt) WCAG AA × Fail

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 161.7630, 26.7388, 57.2128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

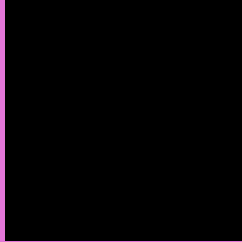
Any Text WCAG AA ✓ Pass

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 161.7630, 26.7388, 57.2128 Background



This preview shows how black text looks on a background with the YUV color 161.7630, 26.7388, 57.2128.



This preview shows how white text looks on a background with the YUV color 161.7630, 26.7388,

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

161.7630, 26.7388, 57.2128

Protanopia

156.9910, 43.8814, -28.0561

Deuteranopia

159.0520, 24.6244, -11.4466



Tritanopia

160.5550, -8.1616, 51.2563

Trichromacy



Original Color

161.7630, 26.7388, 57.2128



Protanomaly

158.5820, 37.6741, 2.9976



Deuteranomaly

159.8470, 25.7114, 13.2892



Tritanomaly

160.8940, 4.4893, 53.5900

Monochromacy



Original Color

161.7630, 26.7388, 57.2128



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

162.0640, 9.8284, 20.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.7630, 26.7388, 57.2128 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(227, 118, 216)` looks like.

```
.text, #text, p{  
    color:rgb(227, 118, 216)  
}
```

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(227, 118, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 118, 216) }
```

Border

The CSS property to change the border of an element to YUV 161.7630, 26.7388, 57.2128 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(227, 118, 216) }
```


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

```
.border{ border-color:rgb(227, 118, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 118, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 118, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 118, 216);  
box-shadow:4px 4px 4px 4px rgb(227, 118,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 161.7630, 26.7388, 57.2128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 118, 216) }
```

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

```
.background{ background-color: rgb(227,  
118, 216) }
```

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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