

Converting Colors

YUV(163.1280, 6.3459, 64.7857)

Have a look what the booklet for
YUV(163.1280, 6.3459, 64.7857)
contains.

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Color

**YUV(163.1280, 6.3459,
64.7857)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7BB0
RGB	237, 123, 176
RGB Percent	93%, 48%, 69%
CMY	0.0706, 0.5176, 0.3098
CMYK	0.00, 0.48, 0.26, 0.07
HSL	332°, 76%, 71%
HSV	332°, 48%, 93%
XYZ	49.8445, 35.3050, 45.2618
YIQ	163.1280, 50.9310, 40.6510

Conversions

Conversions Part 2

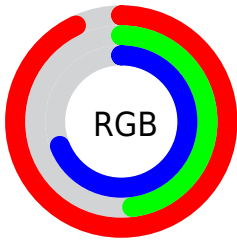
Format	Color
R_{YB}	237, 123, 176
Decimal	15563696
CIE _{Lab}	65.99, 49.82, -7.91
CIE _{LCh}	66, 50.447, 350.980
Yxy	35.3050, 0.3822, 0.2707
Android (android.graphics.Color)	4293753776 (0xFFED7BB0)
YUV	163.1280, 6.3459, 64.7857
Hunter-Lab	59.4180, 45.7582, -3.5716

Details

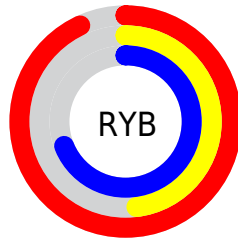
The YUV color **163.1280, 6.3459, 64.7857** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **196.8720, -6.3459, -64.7857**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.1790, 12.2368, 41.9390**, and **107.8610, 7.9565, 61.5119** is the 20% darker color. If you saturate the color by 10%, you get **147.5580, 7.6129, 78.4406**, and if you desaturate by 10%, it is **178.6980, 5.0789, 51.1309**.

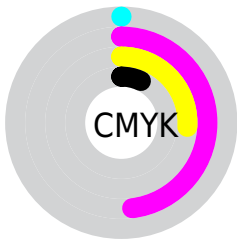
Distribution



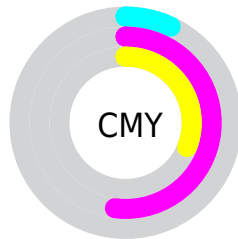
- Red (93%)
- Green (48%)
- Blue (69%)



- Red (93%)
- Yellow (48%)
- Blue (69%)



- Cyan (0%)
- Magenta (48%)
- Yellow (26%)
- Black (7%)





- Cyan (7%)
- Magenta (52%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 163.1280, 6.3459, 64.7857 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 163.1280, 6.3459, 64.7857 by changing the saturation by 10% instead.


 163.1280, 6.3459,
64.7857


 163.1280, 6.3459,
64.7857

255.0000, 0.0000,
0.0000

 135.2310, 6.7881,
62.9414


 207.1790, 12.2368,
41.9390


 107.8610, 7.9565,
61.5119

 226.8240, 13.8908,
24.7104

 80.7900, 8.9775,
60.6972

 243.8470, 5.4984,
9.7812

 47.3760, 13.6186,
65.4452

 34.3330, 8.7098,
53.2050

 23.8660, 3.5171,
38.7055

 13.6120, -4.7387,

26.6503

■ 0.0000, 0.0000,
0.0000

■ 163.1280, 6.3459,
64.7857

■ 163.1280, 6.3459,
64.7857

■ 147.5580, 7.6129,
78.4406

■ 178.6980, 5.0789,
51.1309

■ 132.6890, 9.0273,
91.4807

■ 193.5670, 3.6645,
38.0907

■ 117.1190, 10.2943,
105.1356

■ 209.1370, 2.3975,
24.4359

■ 101.5490, 11.5613,
118.7905

■ 224.7070, 1.1304,
10.7810

■ 86.0930, 13.2652,
132.3454

■ 240.1630, -0.5734,
-2.7740

■ 83.4030, 13.1123,
134.7046

■ 249.2760, 1.3429,
-10.7661

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



165.3810, 25.9412, 32.9919



163.1280, 6.3459, 64.7857



160.2760, -14.9261, 74.3029

Triad

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



163.1280, 6.3459, 64.7857



153.1690, -40.0163, 1.6058



131.2930, 48.6626, -115.1440

Complementary

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



163.1280, 6.3459, 64.7857



196.8720, -6.3459, -64.7857

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.



129.1950, 30.4699, -113.3040



163.1280, 6.3459, 64.7857



145.9110, -22.1411, -38.5099

Square

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



163.1280, 6.3459, 64.7857



156.7650, -43.7611, 36.1631



123.3640, 10.6665, -108.1902



127.5890, 59.8556, -111.8956

Rectangle

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



163.1280, 6.3459, 64.7857



159.5020, -27.8555, 67.9657



123.3640, 10.6665, -108.1902



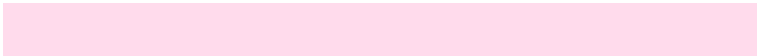
131.2130, 43.2790, -115.0738

Sweetspot

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



163.1280, 6.3459, 64.7857



231.7020, 2.1189, 20.4323



154.2350, 40.8031, 26.1039



113.7180, 1.1250, 12.5253



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.



163.1280, 6.3459, 64.7857



159.1180, 8.3228, 84.0885



159.4340, -17.9620, 68.0254



109.8590, 0.5625, 6.2627



63.6950, 10.0104, 102.8765



18.9960, 2.9600, 30.6985

Inverse Universe

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



163.1280, 6.3459, 64.7857



159.1180, 8.3228, 84.0885



200.5660, 17.9620, -68.0254



109.8590, 0.5625, 6.2627



63.6950, 10.0104, 102.8765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 163.1280, 6.3459, 64.7857 looks on a white background.

Color Contrast Check

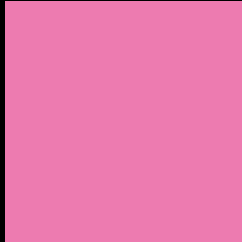
Large Text (above 18pt) WCAG AA × Fail

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 163.1280, 6.3459, 64.7857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

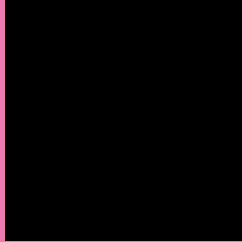
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.1280, 6.3459, 64.7857

Background



This preview shows how black text looks on a background with the YUV color 163.1280, 6.3459, 64.7857.



This preview shows how white text looks on a background with the YUV color 163.1280, 6.3459,

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

163.1280, 6.3459, 64.7857

Protanopia

161.2820, 19.0880, -9.0173

Deuteranopia

162.3800, 3.7567, 8.4367



Tritanopia

162.2360, -10.9623, 62.9370

Trichromacy



Original Color

163.1280, 6.3459, 64.7857



Protanomaly

161.8940, 14.3493, 17.6330



Deuteranomaly

162.7400, 4.5652, 29.1690



Tritanomaly

162.2560, -4.5632, 63.7965

Monochromacy



Original Color

163.1280, 6.3459, 64.7857



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

162.8380, 2.5449, 23.8211

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.1280, 6.3459, 64.7857 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(237, 123, 176)` looks like.

```
.text, #text, p{  
    color:rgb(237, 123, 176)  
}
```

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(237, 123, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 123, 176) }
```

Border

The CSS property to change the border of an element to YUV 163.1280, 6.3459, 64.7857 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(237, 123, 176) }
```


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

```
.border{ border-color:rgb(237, 123, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 123, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 123, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 123, 176);  
box-shadow:4px 4px 4px 4px rgb(237, 123,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 163.1280, 6.3459, 64.7857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 123, 176) }
```

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

```
.background{ background-color: rgb(237,  
123, 176) }
```

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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