

Converting Colors

YUV(163.5160, 17.9866,
64.4455)

Have a look what the booklet for
YUV(163.5160, 17.9866, 64.4455)
contains.

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Color

**YUV(163.5160, 17.9866,
64.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	ED77C8
RGB	237, 119, 200
RGB Percent	93%, 47%, 78%
CMY	0.0706, 0.5333, 0.2157
CMYK	0.00, 0.50, 0.16, 0.07
HSL	319°, 77%, 70%
HSV	319°, 50%, 93%
XYZ	51.9472, 35.3683, 58.7324
YIQ	163.5160, 44.3270, 50.2070

Conversions

Conversions Part 2

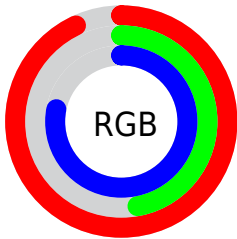
Format	Color
R _Y B	237, 119, 200
Decimal	15562696
CIE Lab	66.03, 55.20, -21.37
CIE LCh	66, 59.195, 338.841
Yxy	35.3683, 0.3557, 0.2422
Android (android.graphics.Color)	4293752776 (0xFFED77C8)
YUV	163.5160, 17.9866, 64.4455
Hunter-Lab	59.4713, 51.8422, -16.9235

Details

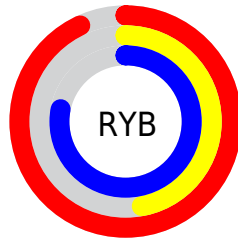
The YUV color **163.5160, 17.9866, 64.4455** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **192.4840, -17.9866, -64.4455**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0400, 23.1513, 41.1839**, and **107.7330, 18.8656, 62.5012** is the 20% darker color. If you saturate the color by 10%, you get **148.6300, 21.8744, 77.5005**, and if you desaturate by 10%, it is **178.4020, 14.0988, 51.3904**.

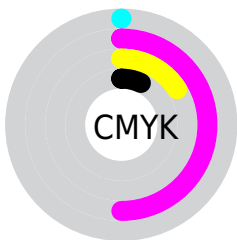
Distribution



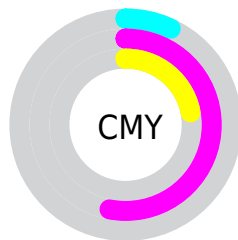
- Red (93%)
- Green (47%)
- Blue (78%)



- Red (93%)
- Yellow (47%)
- Blue (78%)



- Cyan (0%)
- Magenta (50%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5160, 17.9866, 64.4455 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 163.5160, 17.9866, 64.4455 by changing the saturation by 10% instead.

163.5160, 17.9866,
64.4455

163.5160, 17.9866,
64.4455

255.0000, 0.0000,
0.0000

135.9180, 18.2814,
63.2159

208.0400, 23.1513,
41.1839

107.7330, 18.8656,
62.5012

224.4760, 15.0483,
26.7695

78.4880, 20.4654,
62.7160

241.4990, 6.6560,
11.8404

47.3080, 23.5122,
65.5049

36.4990, 17.0090,
51.3054

26.2170, 11.2320,
37.5207

16.2340, 5.3076,

24.3508

■ 0.0000, 0.0000,
0.0000

■ 163.5160, 17.9866,
64.4455

■ 163.5160, 17.9866,
64.4455

■ 148.6300, 21.8744,
77.5005

■ 178.4020, 14.0988,
51.3904

■ 134.2170, 25.0360,
90.1407

■ 192.8150, 10.9372,
38.7502

■ 119.3310, 28.9238,
103.1957

■ 207.7010, 7.0494,
25.6952

■ 104.3310, 32.3748,
116.3507

■ 222.7010, 3.5984,
12.5402

■ 89.4450, 36.2626,
129.4057

■ 237.0000, 0.0000,
0.0000

■ 248.4780, -1.7147,
-10.0662

■ 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.



165.0120, 38.9411, 16.6525



163.5160, 17.9866, 64.4455



158.7470, -5.7913, 84.4139

Triad

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



163.5160, 17.9866, 64.4455



152.9510, -52.7268, 18.4600



133.7720, 45.4684, -117.3180

Complementary

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



163.5160, 17.9866, 64.4455



192.4840, -17.9866, -64.4455

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.



129.1320, 22.6129, -113.2488



163.5160, 17.9866, 64.4455



146.6170, -36.2932, -25.9741

Square

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



163.5160, 17.9866, 64.4455



156.6210, -48.6202, 54.7064



121.6880, -0.8322, -106.7204



132.3820, 60.4507, -116.0990

Rectangle

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



163.5160, 17.9866, 64.4455



158.2790, -22.8155, 84.8243



121.6880, -0.8322, -106.7204



133.1220, 37.9009, -116.7480

Sweetspot

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



163.5160, 17.9866, 64.4455



231.3260, 5.7553, 20.7621



142.9170, 46.3829, 9.7198



113.5870, 3.1616, 12.6402



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.



163.5160, 17.9866, 64.4455



159.7170, 23.3105, 83.5632



157.0180, -6.9109, 70.1442



110.2010, 1.8729, 5.9627



68.2550, 27.4823, 98.8774



20.3640, 8.2015, 29.4988

Inverse Universe

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



163.5160, 17.9866, 64.4455



159.7170, 23.3105, 83.5632



198.9820, 6.9109, -70.1442



110.2010, 1.8729, 5.9627



68.2550, 27.4823, 98.8774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 163.5160, 17.9866, 64.4455 looks on a white background.

Color Contrast Check

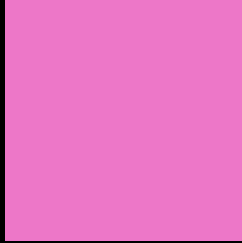
Large Text (above 18pt) WCAG AA × Fail

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 163.5160, 17.9866, 64.4455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

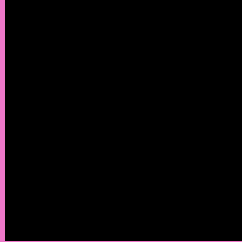
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.5160, 17.9866, 64.4455

Background



This preview shows how black text looks on a background with the YUV color 163.5160, 17.9866, 64.4455.



This preview shows how white text looks on a background with the YUV color 163.5160, 17.9866,

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

163.5160, 17.9866, 64.4455

Protanopia

161.0000, 33.5240, -19.2940

Deuteranopia

162.1150, 15.7193, -1.8549



Tritanopia

162.6270, -10.6621, 59.9631

Trichromacy



Original Color

163.5160, 17.9866, 64.4455



Protanomaly

161.7050, 27.7534, 11.6597



Deuteranomaly

162.4970, 16.5170, 22.3661



Tritanomaly

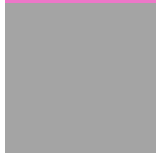
162.6840, -0.3372, 61.6671

Monochromacy



Original Color

163.5160, 17.9866, 64.4455



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.1630, 6.3286, 23.5360

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5160, 17.9866, 64.4455 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, 119, 200)` looks like.

```
.text, #text, p{  
    color:rgb(237, 119, 200)  
}
```

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, 119, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 119, 200) }
```

Border

The CSS property to change the border of an element to YUV 163.5160, 17.9866, 64.4455 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, 119, 200) }
```


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

```
.border{ border-color:rgb(237, 119, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 119, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 119, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 119, 200);  
box-shadow:4px 4px 4px 4px rgb(237, 119,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 163.5160, 17.9866, 64.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 119, 200) }
```

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

```
.background{ background-color: rgb(237,  
119, 200) }
```

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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