

Converting Colors

YUV(129.2280, 4.8176, 88.3770)

Have a look what the booklet for
YUV(129.2280, 4.8176, 88.3770)
contains.

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Color

**YUV(129.2280, 4.8176,
88.3770)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E64C8B |
| RGB | 230, 76, 139 |
| RGB Percent | 90%, 30%, 55% |
| CMY | 0.0980, 0.7020, 0.4549 |
| CMYK | 0.00, 0.67, 0.40, 0.10 |
| HSL | 335°, 75%, 60% |
| HSV | 335°, 67%, 90% |
| XYZ | 39.8778, 23.8560, 26.9290 |
| YIQ | 129.2280, 71.5610, 52.2410 |

Conversions

Conversions Part 2

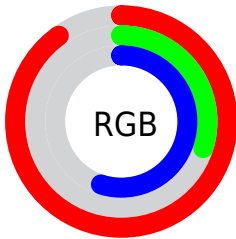
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 230, 76, 139 |
| Decimal | 15092875 |
| CIE _{Lab} | 55.94, 64.21, -1.50 |
| CIE _{LCh} | 56, 64.229, 358.662 |
| Yxy | 23.8560, 0.4398, 0.2631 |
| Android (android.graphics.Color) | 4293282955 (0xFFE64C8B) |
| YUV | 129.2280, 4.8176, 88.3770 |
| Hunter-Lab | 48.8426, 60.2628, 1.5007 |

Details

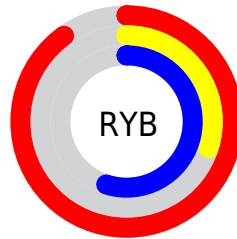
The YUV color **129.2280, 4.8176, 88.3770** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **176.7720, -4.8176, -88.3770**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.7910, 7.4980, 68.5893**, and **60.9760, 13.8158, 95.6140** is the 20% darker color. If you saturate the color by 10%, you get **114.1310, 5.3584, 101.6171**, and if you desaturate by 10%, it is **144.3250, 4.2768, 75.1370**.

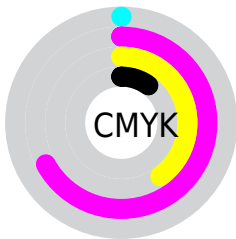
Distribution



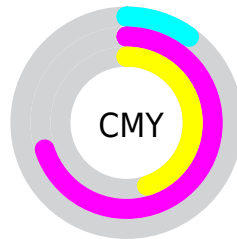
- Red (90%)
- Green (30%)
- Blue (55%)



- Red (90%)
- Yellow (30%)
- Blue (55%)



- Cyan (0%)
- Magenta (67%)
- Yellow (40%)
- Black (10%)



- Cyan (10%)
- Magenta (70%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 129.2280, 4.8176, 88.3770 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 129.2280, 4.8176, 88.3770 by changing the saturation by 10% instead.


 129.2280, 4.8176,
88.3770


 129.2280, 4.8176,
88.3770

255.0000, 0.0000,
0.0000


 98.6240, 7.5804,
88.9068


 176.7910, 7.4980,
68.5893

 60.9760, 13.8158,
95.6140


 196.4190, 11.6254,
51.3755


 49.3840, 8.1917,
79.4702


 216.7480, 15.9002,
33.5470

 38.2050, 2.8569,
63.8412

 235.0420, 9.8393,
17.5032

 27.2540, -1.6042,
48.0122

 252.0650, 1.4470,
2.5740

 16.6730, -7.2338,
33.6128

 2.6910, -1.3267,

5.5330

■ 0.0000, 0.0000,
0.0000

■ 129.2280, 4.8176,
88.3770

■ 129.2280, 4.8176,
88.3770

■ 114.1310, 5.3584,
101.6171

■ 144.3250, 4.2768,
75.1370

■ 99.1480, 6.3360,
114.7572

■ 159.3080, 3.2992,
61.9969


■ 84.0510, 6.8769,
127.9973

■ 174.4050, 2.7583,
48.7568

■ 79.4860, 7.1554,
132.0008

■ 189.3880, 1.7807,
35.6167

■ 204.4850, 1.2399,
22.3767

 219.5820, 0.6991,
9.1366

 234.5650, -0.2785,
-4.0035

 246.7270, 0.6276,
-14.6696

 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



136.3820, 27.9127, 54.0390



129.2280, 4.8176, 88.3770



127.6540, -21.5214, 89.7574

Triad

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



129.2280, 4.8176, 88.3770



119.8180, -51.1823, -10.3644



116.5040, 55.4605, -102.1740

Complementary

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



129.2280, 4.8176, 88.3770



176.7720, -4.8176, -88.3770

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.



114.5370, 35.2313, -100.4489



129.2280, 4.8176, 88.3770



99.1930, -13.4061, -86.9923

Square

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



129.2280, 4.8176, 88.3770



125.6340, -61.9376, 32.7700



108.1530, 10.7706, -94.8502



111.3980, 66.3588, -97.6960

Rectangle

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



129.2280, 4.8176, 88.3770



129.0980, -38.5023, 76.2131



108.1530, 10.7706, -94.8502



116.8970, 49.3508, -102.5187

Sweetspot

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



129.2280, 4.8176, 88.3770



221.6430, 1.6550, 29.2541



120.4660, 54.0003, 39.9333



107.6370, 0.6720, 17.8584



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.



129.2280, 4.8176, 88.3770



121.4580, 6.1832, 117.1163



129.6770, -26.4628, 87.9833



107.1580, 0.4151, 6.8774



61.8430, 5.5004, 102.7467



17.6430, 1.6550, 29.2541

Inverse Universe

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



129.2280, 4.8176, 88.3770



121.4580, 6.1832, 117.1163



176.3230, 26.4628, -87.9833



107.1580, 0.4151, 6.8774



61.8430, 5.5004, 102.7467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 129.2280, 4.8176, 88.3770 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 129.2280, 4.8176, 88.3770 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 × Fail

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

YUV 129.2280, 4.8176, 88.3770

Background



This preview shows how black text looks on a background with the YUV color 129.2280, 4.8176, 88.3770.



This preview shows how white text looks on a background with the YUV color 129.2280, 4.8176,

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

129.2280, 4.8176, 88.3770

Protanopia

135.0970, 19.6722, -9.7321

Deuteranopia

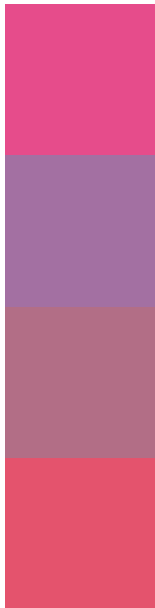
135.7950, -2.3639, 11.5808



Tritanopia

129.4300, -18.4530, 85.5689

Trichromacy



Original Color

129.2280, 4.8176, 88.3770

Protanomaly

132.9490, 14.3221, 26.3547

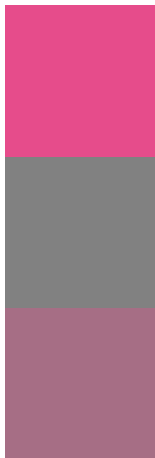
Deuteranomaly

133.0680, 0.4595, 39.4054

Tritanomaly

129.3190, -10.0173, 86.5432

Monochromacy



Original Color

129.2280, 4.8176, 88.3770

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.3660, 1.7916, 32.1280

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.2280, 4.8176, 88.3770 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(230, 76, 139)` looks like.

```
.text, #text, p{  
    color:rgb(230, 76, 139)  
}
```

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(230, 76, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 76, 139) }
```

Border

The CSS property to change the border of an element to YUV 129.2280, 4.8176, 88.3770 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(230, 76, 139) }
```


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

```
.border{ border-color:rgb(230, 76, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 76, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 76, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 76, 139);  
box-shadow:4px 4px 4px 4px rgb(230, 76,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 129.2280, 4.8176, 88.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 76, 139) }
```

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

```
.background{ background-color: rgb(230, 76,  
139) }
```

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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