

Converting Colors

YUV(130.5960, 10.0592,
87.1773)

Have a look what the booklet for
YUV(130.5960, 10.0592, 87.1773)
contains.

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Color

**YUV(130.5960, 10.0592,
87.1773)**

Conversions

Conversions Part 1

Format	Color
Hex	E64C97
RGB	230, 76, 151
RGB Percent	90%, 30%, 59%
CMY	0.0980, 0.7020, 0.4078
CMYK	0.00, 0.67, 0.34, 0.10
HSL	331°, 75%, 60%
HSV	331°, 67%, 90%
XYZ	40.8035, 24.2262, 31.8037
YIQ	130.5960, 67.7090, 55.9730

Conversions

Conversions Part 2

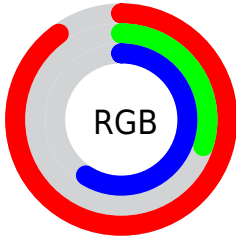
Format	Color
R _Y B	230, 76, 151
Decimal	15092887
CIE Lab	56.31, 65.49, -8.02
CIE LCh	56, 65.979, 353.018
Yxy	24.2262, 0.4214, 0.2502
Android (android.graphics.Color)	4293282967 (0xFFE64C97)
YUV	130.5960, 10.0592, 87.1773
Hunter-Lab	49.2202, 61.8411, -3.8562

Details

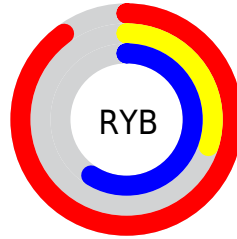
The YUV color **130.5960, 10.0592, 87.1773** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **175.4040, -10.0592, -87.1773**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2730, 13.1764, 67.2896**, and **62.2300, 18.6206, 94.5143** is the 20% darker color. If you saturate the color by 10%, you get **115.7270, 11.4736, 100.2174**, and if you desaturate by 10%, it is **145.4650, 8.6448, 74.1372**.

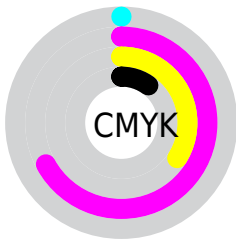
Distribution



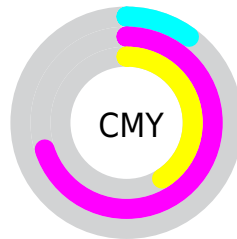
- Red (90%)
- Green (30%)
- Blue (59%)



- Red (90%)
- Yellow (30%)
- Blue (59%)



- Cyan (0%)
- Magenta (67%)
- Yellow (34%)
- Black (10%)




- Cyan (10%)
- Magenta (70%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.5960, 10.0592, 87.1773 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 130.5960, 10.0592, 87.1773 by changing the saturation by 10% instead.


 130.5960, 10.0592,
87.1773


 130.5960, 10.0592,
87.1773


255.0000, 0.0000,
0.0000


 99.8780, 12.3851,
87.8070

 178.2730, 13.1764,
67.2896

 62.2300, 18.6206,
94.5143


 198.4880, 17.0144,
49.5610

 50.8230, 12.4123,
79.0852

 218.0190, 18.2316,
32.4323

 39.6440, 7.0775,
63.4562

 235.0420, 9.8393,
17.5032

 28.4650, 1.7428,
47.8272

 252.6520, 1.1576,
2.0592

 17.7270, -5.7814,
34.4424

 4.7840, -2.3585,

9.8364

■ 0.0000, 0.0000,
0.0000

■ 130.5960, 10.0592,
87.1773

■ 130.5960, 10.0592,
87.1773

■ 115.7270, 11.4736,
100.2174

■ 145.4650, 8.6448,
74.1372

■ 100.8580, 12.8880,
113.2575

■ 160.3340, 7.2303,
61.0971

■ 86.1030, 14.7392,
126.1977

■ 175.0890, 5.3791,
48.1569

■ 81.5380, 15.0178,
130.2012

■ 189.9580, 3.9647,
35.1168

■ 204.8270, 2.5503,
22.0767

219.6960, 1.1359,
9.0366

234.5650, -0.2785,
-4.0035

246.3850, -0.6828,
-14.3696

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.



138.0050, 33.0285, 46.4766



130.5960, 10.0592, 87.1773



128.2400, -16.8803, 94.5055

Triad

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



130.5960, 10.0592, 87.1773



120.6960, -59.5031, -1.4874



117.9230, 53.2820, -103.4185

Complementary

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



130.5960, 10.0592, 87.1773



175.4040, -10.0592, -87.1773

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.



114.7990, 31.1581, -100.6787



130.5960, 10.0592, 87.1773



107.2080, -22.7805, -66.8344

Square

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



130.5960, 10.0592, 87.1773



126.8630, -62.5435, 40.4621



107.4860, 5.6764, -94.2652



114.2020, 66.9484, -100.1552

Rectangle

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



130.5960, 10.0592, 87.1773



129.4670, -34.7402, 82.9054



107.4860, 5.6764, -94.2652



117.5010, 46.5880, -103.0484

Sweetspot

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



130.5960, 10.0592, 87.1773



222.0990, 3.4022, 28.8542



116.5790, 55.9166, 31.9412



107.9790, 1.9824, 17.5584



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.



130.5960, 10.0592, 87.1773



123.2820, 13.1720, 115.5167



122.0460, -22.7007, 94.6757



107.2720, 0.8519, 6.7775



63.4390, 11.6156, 101.3470



18.0990, 3.4022, 28.8542

Inverse Universe

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



130.5960, 10.0592, 87.1773



123.2820, 13.1720, 115.5167



183.9540, 22.7007, -94.6757



107.2720, 0.8519, 6.7775



63.4390, 11.6156, 101.3470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 130.5960, 10.0592, 87.1773 looks on a white background.

Color Contrast Check

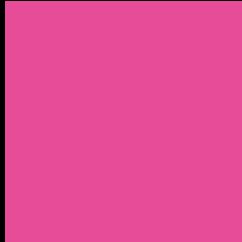
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.5960, 10.0592, 87.1773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

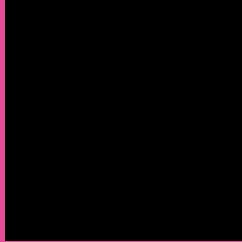
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.5960, 10.0592, 87.1773

Background



This preview shows how black text looks on a background with the YUV color 130.5960, 10.0592, 87.1773.



This preview shows how white text looks on a background with the YUV color 130.5960, 10.0592, 87.1773.

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

130.5960, 10.0592, 87.1773

Protanopia

135.6000, 26.8192, -15.4352

Deuteranopia

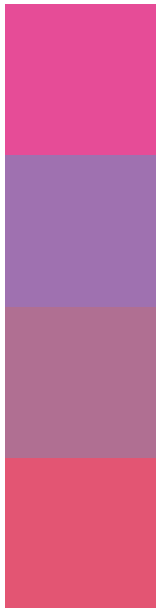
136.5540, 3.1779, 7.4071



Tritanopia

131.2340, -17.8634, 83.1098

Trichromacy



Original Color

130.5960, 10.0592, 87.1773

Protanomaly

133.9360, 20.7376, 21.9811

Deuteranomaly

134.4250, 5.7065, 36.4613

Tritanomaly

130.8780, -7.8279, 84.2990

Monochromacy



Original Color

130.5960, 10.0592, 87.1773

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.8220, 3.5388, 31.7281

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.5960, 10.0592, 87.1773 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(230, 76, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 76, 151) }
```

Border

The CSS property to change the border of an element to YUV 130.5960, 10.0592, 87.1773 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, 151) }
```


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

```
.border{ border-color:rgb(230, 76, 151) }
```

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, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 76, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 76, 151);  
box-shadow:4px 4px 4px 4px rgb(230, 76,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 130.5960, 10.0592, 87.1773 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, 151) }
```

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

```
.background{ background-color: rgb(230, 76,  
151) }
```

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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