

Converting Colors

YUV(133.1790, 2.3768, 77.8960)

Have a look what the booklet for
YUV(133.1790, 2.3768, 77.8960)
contains.

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Color

**YUV(133.1790, 2.3768,
77.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	DE578A
RGB	222, 87, 138
RGB Percent	87%, 34%, 54%
CMY	0.1294, 0.6588, 0.4588
CMYK	0.00, 0.61, 0.38, 0.13
HSL	337°, 67%, 61%
HSV	337°, 61%, 87%
XYZ	38.1198, 24.1810, 26.7030
YIQ	133.1790, 64.0890, 44.4810

Conversions

Conversions Part 2

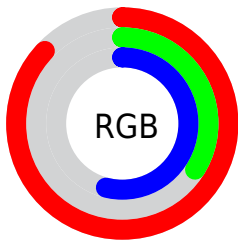
Format	Color
R_YB	222, 87, 138
Decimal	14571402
CIE _{Lab}	56.27, 57.23, -0.59
CIE _{LCh}	56, 57.230, 359.412
Yxy	24.1810, 0.4283, 0.2717
Android (android.graphics.Color)	4292761482 (0xFFDE578A)
YUV	133.1790, 2.3768, 77.8960
Hunter-Lab	49.1741, 52.3186, 2.2257

Details

The YUV color **133.1790, 2.3768, 77.8960** 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 **175.8210, -2.3768, -77.8960**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9600, 4.4567, 64.0561**, and **73.4440, 7.1761, 78.5406** is the 20% darker color. If you saturate the color by 10%, you get **118.6690, 2.6282, 90.6213**, and if you desaturate by 10%, it is **147.6890, 2.1253, 65.1707**.

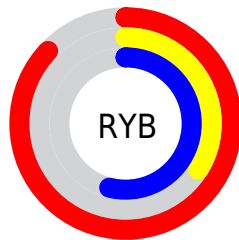
Distribution



Red (87%)

Green (34%)

Blue (54%)



Red (87%)

Yellow (34%)

Blue (54%)

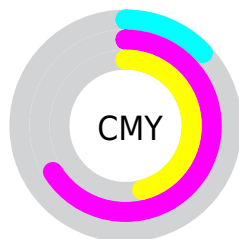


Cyan (0%)

Magenta (61%)

Yellow (38%)

Black (13%)



Cyan (13%)

Magenta (66%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.1790, 2.3768, 77.8960 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 133.1790, 2.3768, 77.8960 by changing the saturation by 10% instead.

 133.1790, 2.3768,
77.8960

 133.1790, 2.3768,
77.8960

255.0000, 0.0000,
0.0000


 104.3360, 4.2714,
76.8813

 181.9600, 4.4567,
64.0561

 73.4440, 7.1761,
78.5406


 201.5880, 8.5841,
46.8423


 47.4760, 8.6393,
75.8815

 221.9170, 12.8589,
29.0138

 36.2970, 3.3046,
60.2525

 239.7380, 7.5242,
13.3848

 25.6450, -1.3040,
45.0383

 15.4770, -6.6442,
31.1537

 0.0000, 0.0000,

0.0000

■ 133.1790, 2.3768,
77.8960

■ 133.1790, 2.3768,
77.8960

■ 118.6690, 2.6282,
90.6213

■ 147.6890, 2.1253,
65.1707

■ 104.1590, 2.8796,
103.3466

■ 162.1990, 1.8739,
52.4455

■ 89.1760, 3.8572,
116.4866

■ 177.1820, 0.8963,
39.3054

■ 75.9540, 3.9667,
128.0823

■ 191.6920, 0.6448,
26.5801

■ 206.2020, 0.3934,
13.8548

■ 220.7120, 0.1420,
1.1296

■ 235.2220, -0.1094,
-11.5957

■ 244.4490, 2.2436,
-19.6878

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



137.9100, 23.7084, 49.1909



133.1790, 2.3768, 77.8960



131.7020, -21.0521, 79.1913

Triad

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



133.1790, 2.3768, 77.8960



123.6360, -41.7255, -10.2048



114.8910, 51.8187, -100.7594

Complementary

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



133.1790, 2.3768, 77.8960



175.8210, -2.3768, -77.8960

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.



113.4940, 33.7735, -99.5342



133.1790, 2.3768, 77.8960



109.6020, -13.6078, -68.9340

Square

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



133.1790, 2.3768, 77.8960



128.0170, -52.7594, 28.9261



107.7940, 11.9336, -94.5353



109.5570, 61.8434, -96.0815

Rectangle

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



133.1790, 2.3768, 77.8960



131.5530, -35.2756, 67.9210



107.7940, 11.9336, -94.5353



114.9250, 46.8720, -100.7892

Sweetspot

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



133.1790, 2.3768, 77.8960



224.6920, 0.6448, 26.5801



127.2070, 46.7329, 37.5295



108.9250, 0.5300, 16.7288



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.



133.1790, 2.3768, 77.8960



132.5940, 3.1582, 107.3501



136.7570, -24.5302, 74.7581



104.7450, 0.1257, 6.3626



60.1480, 2.8850, 101.6022



16.4040, 0.7868, 27.7097

Inverse Universe

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



133.1790, 2.3768, 77.8960



132.5940, 3.1582, 107.3501



172.2430, 24.5302, -74.7581



104.7450, 0.1257, 6.3626



60.1480, 2.8850, 101.6022



16.4040, 0.7868, 27.7097

Previews

White Background



This preview shows how the YUV color 133.1790, 2.3768, 77.8960 looks on a white background.

Color Contrast Check

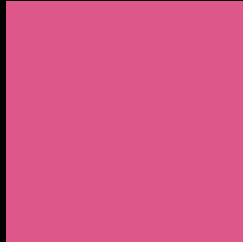
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.1790, 2.3768, 77.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

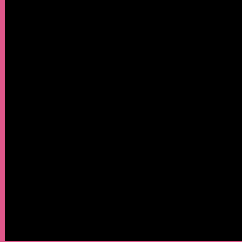
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.1790, 2.3768, 77.8960

Background



This preview shows how black text looks on a background with the YUV color 133.1790, 2.3768, 77.8960.



This preview shows how white text looks on a background with the YUV color 133.1790, 2.3768,

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

133.1790, 2.3768, 77.8960

Protanopia

135.9680, 15.2988, -6.9879

Deuteranopia

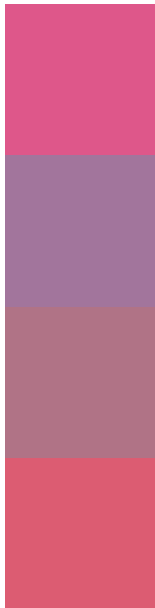
136.6810, -2.8007, 11.6808



Tritanopia

132.7600, -15.6577, 75.6325

Trichromacy



Original Color

133.1790, 2.3768, 77.8960

Protanomaly

134.9010, 10.4018, 23.7658

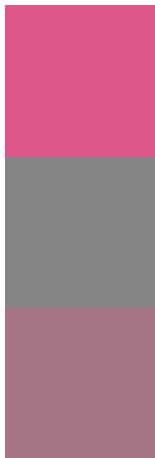
Deuteranomaly

135.4050, -0.6927, 35.6018

Tritanomaly

132.7800, -9.2585, 76.4919

Monochromacy



Original Color

133.1790, 2.3768, 77.8960

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8170, 1.0762, 28.2245

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1790, 2.3768, 77.8960 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(222, 87, 138)` looks like.

```
.text, #text, p{  
    color:rgb(222, 87, 138)  
}
```

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(222, 87, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 87, 138) }
```

Border

The CSS property to change the border of an element to YUV 133.1790, 2.3768, 77.8960 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(222, 87, 138) }
```


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

```
.border{ border-color:rgb(222, 87, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 87, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 87, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 87, 138);  
box-shadow:4px 4px 4px 4px rgb(222, 87,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 133.1790, 2.3768, 77.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 87, 138) }
```

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

```
.background{ background-color: rgb(222, 87,  
138) }
```

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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