

Converting Colors

YUV(130.8020, -9.2694,
79.9806)

Have a look what the booklet for
YUV(130.8020, -9.2694, 79.9806)
contains.

YUV(130.8020, -9.2694, 79.9806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(130.8020, -9.2694,
79.9806)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5870
RGB	222, 88, 112
RGB Percent	87%, 35%, 44%
CMY	0.1294, 0.6549, 0.5608
CMYK	0.00, 0.60, 0.50, 0.13
HSL	349°, 67%, 61%
HSV	349°, 60%, 87%
XYZ	36.5386, 23.6789, 17.9739
YIQ	130.8020, 72.1600, 35.8720

Conversions

Conversions Part 2

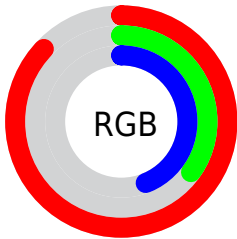
Format	Color
R_{YB}	222, 88, 112
Decimal	14571632
CIE Lab	55.76, 54.23, 14.02
CIE LCh	56, 56.010, 14.496
Yxy	23.6789, 0.4673, 0.3028
Android (android.graphics.Color)	4292761712 (0xFFDE5870)
YUV	130.8020, -9.2694, 79.9806
Hunter-Lab	48.6610, 48.8754, 12.1627

Details

The YUV color **130.8020, -9.2694, 79.9806** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **179.1980, 9.2694, -79.9806**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8820, -7.3368, 66.7555**, and **72.2840, -3.5910, 78.6809** is the 20% darker color. If you saturate the color by 10%, you get **115.8360, -10.7651, 93.1058**, and if you desaturate by 10%, it is **145.7680, -7.7736, 66.8555**.

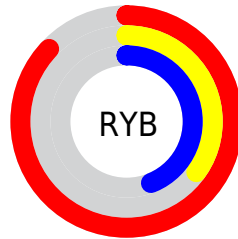
Distribution



Red (87%)

Green (35%)

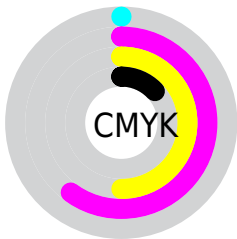
Blue (44%)



Red (87%)

Yellow (35%)

Blue (44%)

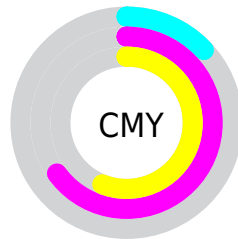


Cyan (0%)

Magenta (60%)

Yellow (50%)

Black (13%)



Cyan (13%)

Magenta (65%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.8020, -9.2694, 79.9806 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 130.8020, -9.2694, 79.9806 by changing the saturation by 10% instead.

130.8020, -9.2694,
79.9806

130.8020, -9.2694,
79.9806

255.0000, 0.0000,
0.0000

102.6600, -7.2274,
78.3512

178.8820, -7.3368,
66.7555

72.2840, -3.5910,
78.6809

198.3960, -3.6462,
49.6417

44.3700, -0.6754,
76.8515

218.4970, -0.2450,
32.0131

33.4190, -5.1366,
61.0225

238.8260, 4.0298,
14.1846

22.4250, -11.0555,
46.1083

14.2810, -6.0545,
28.6946

0.0000, 0.0000,

0.0000

■ 130.8020, -9.2694,
79.9806

■ 130.8020, -9.2694,
79.9806

■ 115.8360,
-10.7651, 93.1058

■ 145.7680, -7.7736,
66.8555

■ 100.8700,
-12.2609, 106.2310

■ 160.7340, -6.2779,
53.7303

■ 85.2030, -13.9041,
119.9710

■ 176.4010, -4.6347,
39.9903

■ 70.9380, -15.2524,
132.4814

■ 191.3670, -3.1389,
26.8651

■ 206.3330, -1.6432,
13.7400

■ 221.2990, -0.1474,
0.6148

■ 236.3790, 1.7852,
-12.6104

■ 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.



134.8490, 12.8924, 65.0304



130.8020, -9.2694, 79.9806



130.3020, -31.2079, 69.8951

Triad

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



130.8020, -9.2694, 79.9806



118.5220, -28.8513, -32.9068



111.5800, 56.9021, -97.8557

Complementary

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



130.8020, -9.2694, 79.9806



179.1980, 9.2694, -79.9806

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.



113.3120, 43.2302, -99.3746



130.8020, -9.2694, 79.9806



103.0690, 1.4450, -90.3915

Square

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



130.8020, -9.2694, 79.9806



125.3350, -48.4792, 9.3532



109.9430, 22.7061, -96.4200



127.7060, 49.4449, -39.2072

Rectangle

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



130.8020, -9.2694, 79.9806



130.1030, -42.9418, 53.4067



109.9430, 22.7061, -96.4200



113.2440, 53.1237, -99.3150

Sweetspot

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



130.8020, -9.2694, 79.9806



223.6660, -3.2863, 27.4799



135.8670, 42.4636, 53.6136



108.2410, -2.0908, 17.3286



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.



130.8020, -9.2694, 79.9806



129.7780, -12.7086, 109.8197



152.7200, -31.9070, 60.7586



104.5170, -0.7479, 6.5626



56.2720, -11.9661, 105.0015



15.3780, -3.1444, 28.6095

Inverse Universe

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



130.8020, -9.2694, 79.9806



129.7780, -12.7086, 109.8197



157.2800, 31.9070, -60.7586



104.5170, -0.7479, 6.5626



56.2720, -11.9661, 105.0015



15.3780, -3.1444, 28.6095

Previews

White Background



This preview shows how the YUV color 130.8020, -9.2694, 79.9806 looks on a white background.

Color Contrast Check

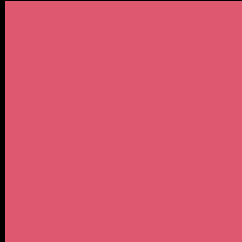
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.8020, -9.2694, 79.9806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

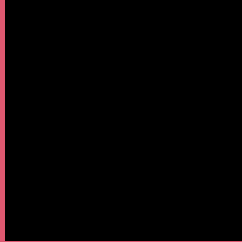
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.8020, -9.2694, 79.9806

Background



This preview shows how black text looks on a background with the YUV color 130.8020, -9.2694, 79.9806.



This preview shows how white text looks on a background with the YUV color 130.8020, -9.2694,

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

130.8020, -9.2694, 79.9806

Protanopia

134.1250, 0.4314, 1.6444

Deuteranopia

134.7500, -14.1738, 19.5132



Tritanopia

130.5540, -16.5421, 79.3211

Trichromacy



Original Color

130.8020, -9.2694, 79.9806

Protanomaly

133.0900, -3.0024, 29.7391

Deuteranomaly

133.3490, -12.4971, 41.7899

Tritanomaly

130.5370, -14.0687, 79.3361

Monochromacy



Original Color

130.8020, -9.2694, 79.9806

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.6770, -3.2918, 29.2243

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.8020, -9.2694, 79.9806 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, 88, 112)` looks like.

```
.text, #text, p{  
    color:rgb(222, 88, 112)  
}
```

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, 88, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 88, 112) }
```

Border

The CSS property to change the border of an element to YUV 130.8020, -9.2694, 79.9806 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, 88, 112) }
```


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

```
.border{ border-color:rgb(222, 88, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 88, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 88, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 88, 112);  
box-shadow:4px 4px 4px 4px rgb(222, 88,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 130.8020, -9.2694, 79.9806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 88, 112) }
```

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

```
.background{ background-color: rgb(222, 88,  
112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor