

Converting Colors

YUV(123.1890, -12.9112,
81.3952)

Have a look what the booklet for
YUV(123.1890, -12.9112, 81.3952)
contains.

YUV(123.1890, -12.9112, 81.3952)	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(123.1890, -12.9112,
81.3952)**

Conversions

Conversions Part 1

Format	Color
Hex	D85161
RGB	216, 81, 97
RGB Percent	85%, 32%, 38%
CMY	0.1529, 0.6824, 0.6196
CMYK	0.00, 0.62, 0.55, 0.15
HSL	353°, 63%, 58%
HSV	353°, 62%, 85%
XYZ	33.4190, 21.3469, 13.6682
YIQ	123.1890, 75.3240, 33.5960

Conversions

Conversions Part 2

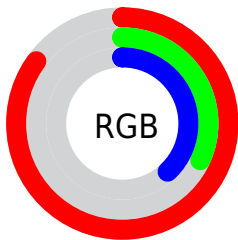
Format	Color
R_{YB}	216, 81, 97
Decimal	14176609
CIE Lab	53.33, 54.08, 19.39
CIE LCh	53, 57.450, 19.723
Yxy	21.3469, 0.4883, 0.3119
Android (android.graphics.Color)	4292366689 (0xFFD85161)
YUV	123.1890, -12.9112, 81.3952
Hunter-Lab	46.2027, 48.2568, 14.8020

Details

The YUV color **123.1890, -12.9112, 81.3952** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **173.8110, 12.9112, -81.3952**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8350, -12.7367, 72.0587**, and **62.7250, -5.7804, 80.9252** is the 20% darker color. If you saturate the color by 10%, you get **108.1090, -14.8437, 94.6204**, and if you desaturate by 10%, it is **138.2690, -10.9786, 68.1701**.

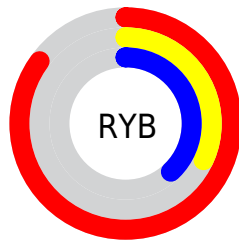
Distribution



Red (85%)

Green (32%)

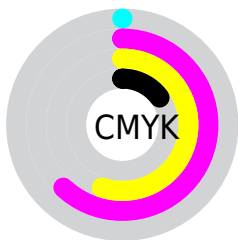
Blue (38%)



Red (85%)

Yellow (32%)

Blue (38%)

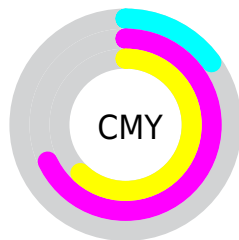


Cyan (0%)

Magenta (62%)

Yellow (55%)

Black (15%)



Cyan (15%)


Magenta (68%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.1890, -12.9112, 81.3952 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 123.1890, -12.9112, 81.3952 by changing the saturation by 10% instead.


 123.1890,
-12.9112, 81.3952


 123.1890,
-12.9112, 81.3952


255.0000, 0.0000,
0.0000

 95.0470, -10.8692,
79.7658


 172.8350,
-12.7367, 72.0587


 62.7250, -5.7804,
80.9252


 192.3490, -9.0461,
54.9449

 41.0940, -5.4693,
74.4626


 211.8630, -5.3555,
37.8311

 29.6870, -11.6777,
59.0335

 232.0780, -1.5175,
20.1026

 20.4460, -9.5869,
41.7049

 252.6520, 1.1576,
2.0592

 11.7750, -5.3121,
23.8763

 0.0000, 0.0000,

0.0000

■ 123.1890,
-12.9112, 81.3952

■ 123.1890,
-12.9112, 81.3952

■ 108.1090,
-14.8437, 94.6204

■ 138.2690,
-10.9786, 68.1701

■ 93.6160, -17.0657,
107.3308

■ 152.7620, -8.7567,
55.4597

■ 78.5360, -18.9982,
120.5559

■ 167.8420, -6.8241,
42.2346

■ 67.5480, -20.4832,
130.1924

■ 182.3350, -4.6022,
29.5242

■ 197.4150, -2.6696,
16.2990

■ 212.4950, -0.7370,
3.0739

■ 226.9880, 1.4849,
-9.6365

■ 242.0680, 3.4175,
-22.8616

■ 243.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



126.4970, 10.1080, 71.4781



123.1890, -12.9112, 81.3952



123.8410, -35.4176, 66.7914

Triad

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



123.1890, -12.9112, 81.3952



109.1830, -24.7402, -44.8875



106.6560, 58.3436, -93.5373

Complementary

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



123.1890, -12.9112, 81.3952



173.8110, 12.9112, -81.3952

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.



109.3170, 45.6927, -95.8710



123.1890, -12.9112, 81.3952



100.3620, 3.7655, -88.0175

Square

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



123.1890, -12.9112, 81.3952



117.4760, -49.0417, 3.0905



106.7630, 25.7528, -93.6312



124.3270, 47.6598, -26.5968

Rectangle

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



123.1890, -12.9112, 81.3952



122.3430, -47.0041, 49.6882



106.7630, 25.7528, -93.6312



108.4340, 55.0020, -95.0966

Sweetspot

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



123.1890, -12.9112, 81.3952



221.9220, -4.8915, 29.0094



131.3730, 41.7211, 58.4319



107.4260, -2.6750, 18.0434



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.



123.1890, -12.9112, 81.3952



123.6170, -18.5452, 115.2229



150.7150, -34.3695, 57.2549



99.5170, -0.7479, 6.5626



53.4090, -16.4706, 103.1273



13.4270, -4.1545, 25.9355

Inverse Universe

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



123.1890, -12.9112, 81.3952



123.6170, -18.5452, 115.2229



146.2850, 34.3695, -57.2549



99.5170, -0.7479, 6.5626



53.4090, -16.4706, 103.1273



13.4270, -4.1545, 25.9355

Previews

White Background



This preview shows how the YUV color 123.1890, -12.9112, 81.3952 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 123.1890, -12.9112, 81.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

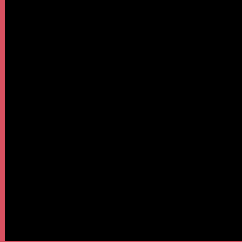
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.1890, -12.9112, 81.3952

Background



This preview shows how black text looks on a background with the YUV color 123.1890, -12.9112, 81.3952.



This preview shows how white text looks on a background with the YUV color 123.1890, -12.9112, 81.3952.

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

123.1890, -12.9112, 81.3952

Protanopia

127.5830, -4.2314, 3.8737

Deuteranopia

127.4360, -17.9629, 21.5426



Tritanopia

123.0380, -17.2737, 80.6507

Trichromacy



Original Color

123.1890, -12.9112, 81.3952

Protanomaly

125.9610, -7.3758, 32.4832

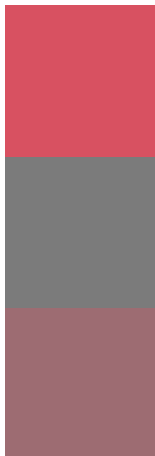
Deuteranomaly

125.7360, -16.1388, 43.2045

Tritanomaly

122.7930, -15.6739, 80.8655

Monochromacy



Original Color

123.1890, -12.9112, 81.3952

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.3350, -4.6022, 29.5242

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1890, -12.9112, 81.3952 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(216, 81, 97)` looks like.

```
.text, #text, p{  
    color:rgb(216, 81, 97)  
}
```

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(216, 81, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 81, 97) }
```

Border

The CSS property to change the border of an element to YUV 123.1890, -12.9112, 81.3952 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(216, 81, 97) }
```


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

```
.border{ border-color:rgb(216, 81, 97) }
```

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

Here you see how a box with a 4 pixel rgb(216, 81, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 81, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 81, 97);  
box-shadow:4px 4px 4px 4px rgb(216, 81,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 123.1890, -12.9112, 81.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 81, 97) }
```

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

```
.background{ background-color: rgb(216, 81,  
97) }
```

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