

Converting Colors

YUV(170.4120, 12.1219,
32.0877)

Have a look what the booklet for
YUV(170.4120, 12.1219, 32.0877)
contains.

YUV(170.4120, 12.1219, 32.0877)	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(170.4120, 12.1219,
32.0877)**

Conversions

Conversions Part 1

Format	Color
Hex	CF93C3
RGB	207, 147, 195
RGB Percent	81%, 58%, 76%
CMY	0.1882, 0.4235, 0.2353
CMYK	0.00, 0.29, 0.06, 0.19
HSL	312°, 38%, 69%
HSV	312°, 29%, 81%
XYZ	46.0162, 38.0730, 56.5533
YIQ	170.4120, 20.3520, 27.6480

Conversions

Conversions Part 2

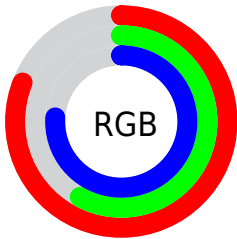
Format	Color
R _Y B	207, 147, 195
Decimal	13603779
CIE Lab	68.07, 30.22, -15.81
CIE LCh	68, 34.106, 332.382
Yxy	38.0730, 0.3272, 0.2707
Android (android.graphics.Color)	4291793859 (0xFFCF93C3)
YUV	170.4120, 12.1219, 32.0877
Hunter-Lab	61.7033, 25.1383, -11.1491

Details

The YUV color **170.4120, 12.1219, 32.0877** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **183.5880, -12.1219, -32.0877**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5470, 14.0273, 27.5843**, and **117.2870, 11.6905, 30.4433** is the 20% darker color. If you saturate the color by 10%, you get **157.6290, 16.4519, 43.2984**, and if you desaturate by 10%, it is **183.1950, 7.7919, 20.8770**.

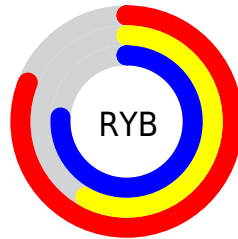
Distribution



Red (81%)

Green (58%)

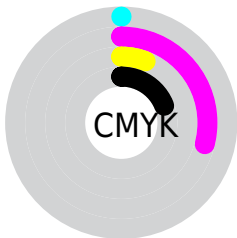
Blue (76%)



Red (81%)

Yellow (58%)

Blue (76%)

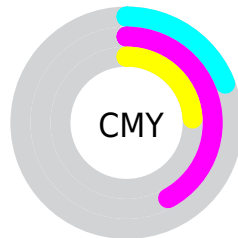


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (19%)



Cyan (19%)

Magenta (42%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4120, 12.1219, 32.0877 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 170.4120, 12.1219, 32.0877 by changing the saturation by 10% instead.

■ 170.4120, 12.1219,
32.0877

■ 170.4120, 12.1219,
32.0877

255.0000, 0.0000,
0.0000

■ 143.7000, 11.9799,
30.9581

■ 223.5470, 14.0273,
27.5843

■ 117.2870, 11.6905,
30.4433

■ 240.3250, 7.2348,
12.8700

■ 92.2760, 11.6959,
28.6989

■ 67.8630, 11.4065,
28.1841

■ 44.1510, 11.2646,
27.0546

■ 20.3790, 12.1382,
26.8546

■ 11.8200, 6.4977,

15.9439

■ 0.0000, 0.0000,
0.0000

■ 170.4120, 12.1219,
32.0877

■ 170.4120, 12.1219,
32.0877

■ 157.6290, 16.4519,
43.2984

■ 183.1950, 7.7919,
20.8770

■ 145.4330, 20.4925,
53.9943

■ 195.3910, 3.7512,
10.1811

■ 132.6500, 24.8225,
65.2049

■ 208.1740, -0.5788,
-1.0296

■ 119.7530, 28.7158,
76.5156

■ 221.0710, -4.4720,
-12.3403

■ 107.5570, 32.7564,
87.2115

■ 233.8540, -8.8020,
-23.5510

■ 94.7740, 37.0864,
98.4222

■ 236.6580, -8.2124,
-26.0101

■ 81.9910, 41.4164,
109.6329

■ 237.1140, -6.4652,
-26.4100

■ 80.8170, 41.9952,
110.6625

■ 237.5700, -4.7180,
-26.8099

■ 238.0260, -2.9708,
-27.2098

Harmonies

Analogous

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



168.7380, 24.2862, 3.7378



170.4120, 12.1219, 32.0877



169.4390, -2.1884, 48.7270

Triad

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



170.4120, 12.1219, 32.0877



163.7270, -29.4454, 17.7794



144.9540, 26.1517, -81.5207

Complementary

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



170.4120, 12.1219, 32.0877



183.5880, -12.1219, -32.0877

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.



149.4820, 8.6364, -63.5667



170.4120, 12.1219, 32.0877



160.4680, -23.4017, -7.4264

Square

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



170.4120, 12.1219, 32.0877



165.9560, -26.6003, 38.6266



155.5490, -9.6377, -35.5615



152.3010, 33.3756, -65.1620

Rectangle

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



170.4120, 12.1219, 32.0877



168.8170, -12.2348, 51.0265



155.5490, -9.6377, -35.5615



145.0100, 21.1941, -78.0618

Sweetspot

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



170.4120, 12.1219, 32.0877



240.9290, 4.4720, 12.3403



157.4280, 24.4390, 1.3786



118.8530, 3.0305, 8.0219



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.



170.4120, 12.1219, 32.0877



200.7050, 17.8934, 47.6167



166.9920, -0.9821, 35.0870



98.2010, 1.8729, 5.9627



65.6220, 34.2034, 89.7855



16.0210, 8.3706, 21.9066

Inverse Universe

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



170.4120, 12.1219, 32.0877



200.7050, 17.8934, 47.6167



187.0080, 0.9821, -35.0870



98.2010, 1.8729, 5.9627



65.6220, 34.2034, 89.7855



16.0210, 8.3706, 21.9066

Previews

White Background



This preview shows how the YUV color 170.4120, 12.1219, 32.0877 looks on a white background.

Color Contrast Check

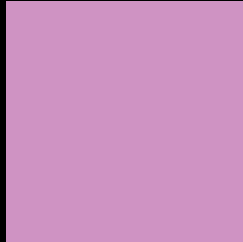
Large Text (above 18pt) WCAG AA × Fail

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 170.4120, 12.1219, 32.0877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

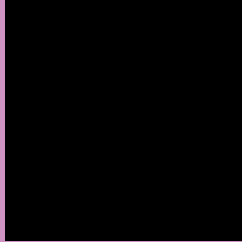
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.4120, 12.1219, 32.0877

Background



This preview shows how black text looks on a background with the YUV color 170.4120, 12.1219, 32.0877.



This preview shows how white text looks on a background with the YUV color 170.4120, 12.1219,

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

170.4120, 12.1219, 32.0877

Protanopia

167.0970, 19.6722, -9.7321

Deuteranopia

167.8120, 11.9247, 1.9189



Tritanopia

169.2040, -2.5656, 29.6391

Trichromacy



Original Color

170.4120, 12.1219, 32.0877

Protanomaly

168.2130, 17.1500, 5.9522

Deuteranomaly

168.8780, 11.8921, 12.3850

Tritanomaly

169.5830, 2.6706, 30.1837

Monochromacy



Original Color

170.4120, 12.1219, 32.0877

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.2170, 4.3300, 11.2107

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4120, 12.1219, 32.0877 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(207, 147, 195)` looks like.

```
.text, #text, p{  
    color:rgb(207, 147, 195)  
}
```

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(207, 147, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 147, 195) }
```

Border

The CSS property to change the border of an element to YUV 170.4120, 12.1219, 32.0877 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(207, 147, 195) }
```


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

```
.border{ border-color:rgb(207, 147, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 147, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 147, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 147, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 147,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 170.4120, 12.1219, 32.0877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 147, 195) }
```

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

```
.background{ background-color: rgb(207,  
147, 195) }
```

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