

Converting Colors

YUV(172.9130, 5.4659, 20.2473)

Have a look what the booklet for
YUV(172.9130, 5.4659, 20.2473)
contains.

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Color

**YUV(172.9130, 5.4659,
20.2473)**

Conversions

Conversions Part 1

Format	Color
Hex	C49FB8
RGB	196, 159, 184
RGB Percent	77%, 62%, 72%
CMY	0.2314, 0.3765, 0.2784
CMYK	0.00, 0.19, 0.06, 0.23
HSL	319°, 24%, 70%
HSV	319°, 19%, 77%
XYZ	43.8148, 39.9927, 50.7575
YIQ	172.9130, 14.0270, 15.6190

Conversions

Conversions Part 2

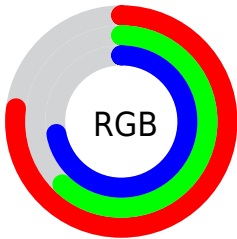
Format	Color
R _Y B	196, 159, 184
Decimal	12885944
CIE Lab	69.46, 17.87, -7.72
CIE LCh	69, 19.463, 336.621
Yxy	39.9927, 0.3256, 0.2972
Android (android.graphics.Color)	4291076024 (0xFFC49FB8)
YUV	172.9130, 5.4659, 20.2473
Hunter-Lab	63.2398, 13.0016, -3.3194

Details

The YUV color **172.9130, 5.4659, 20.2473** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **182.0870, -5.4659, -20.2473**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6250, 5.6079, 21.3769**, and **120.2010, 5.3239, 19.1177** is the 20% darker color. If you saturate the color by 10%, you get **160.4890, 8.6329, 31.1431**, and if you desaturate by 10%, it is **185.3370, 2.2989, 9.3515**.

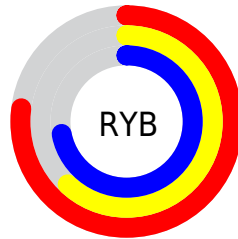
Distribution



Red (77%)

Green (62%)

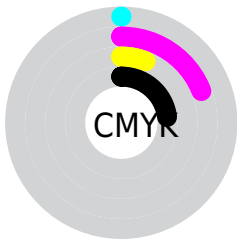
Blue (72%)



Red (77%)

Yellow (62%)

Blue (72%)

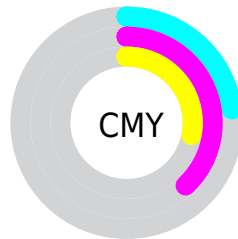


Cyan (0%)

Magenta (19%)

Yellow (6%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9130, 5.4659, 20.2473 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 172.9130, 5.4659, 20.2473 by changing the saturation by 10% instead.

■ 172.9130, 5.4659,
20.2473

■ 172.9130, 5.4659,
20.2473

■ 255.0000, 0.0000,
0.0000

■ 146.5000, 5.1765,
19.7325

■ 228.6250, 5.6079,
21.3769

■ 120.2010, 5.3239,
19.1177

■ 247.3690, 3.7621,
6.6924

■ 95.4890, 5.1819,
17.9881

■ 71.7770, 5.0399,
16.8586

■ 48.4780, 5.1873,
16.2438

■ 26.7660, 5.0454,
15.1142

■ 9.2990, 3.3036,

13.7698

■ 0.0000, 0.0000,
0.0000

■ 172.9130, 5.4659,
20.2473

■ 172.9130, 5.4659,
20.2473

■ 160.4890, 8.6329,
31.1431

■ 185.3370, 2.2989,
9.3515

■ 148.5380, 11.0738,
41.6242

■ 197.2880, -0.1420,
-1.1296

■ 136.1140, 14.2408,
52.5200

■ 209.7120, -3.3090,
-12.0254

■ 124.2770, 17.1184,
62.9011

■ 221.5490, -6.1867,
-22.4065

■ 111.7390, 19.8487,
73.8969

■ 232.9130, -8.3381,
-32.3727

■ 99.3150, 23.0157,
84.7927

■ 233.5970, -5.7173,
-32.9726

■ 87.4780, 25.8933,
95.1738

■ 234.2810, -3.0965,
-33.5724

■ 74.9400, 28.6236,
106.1696

■ 235.0790, -0.0389,
-34.2723

■ 73.6520, 28.7656,
107.2992

■ 235.7630, 2.5818,
-34.8722

Harmonies

Analogous

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



172.0620, 12.7874, 5.2076



172.9130, 5.4659, 20.2473



172.6770, -3.2918, 29.2243

Triad

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



172.9130, 5.4659, 20.2473



168.7010, -16.6146, 9.0322



163.2110, 13.2070, -36.1420

Complementary

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



172.9130, 5.4659, 20.2473



182.0870, -5.4659, -20.2473

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.



162.7570, 5.0498, -33.1129



172.9130, 5.4659, 20.2473



166.3400, -12.4926, -6.4372

Square

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



172.9130, 5.4659, 20.2473



170.3050, -15.9264, 21.6575



164.6030, -4.7343, -21.5768



165.4060, 17.5478, -28.4201

Rectangle

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



172.9130, 5.4659, 20.2473



172.0100, -8.3859, 29.8092



164.6030, -4.7343, -21.5768



162.3420, 11.1704, -36.2569

Sweetspot

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



172.9130, 5.4659, 20.2473



245.6250, 2.1569, 8.2219



166.8060, 14.3926, 3.6781



122.3750, 1.2941, 4.9331



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.



172.9130, 5.4659, 20.2473



218.2010, 8.7749, 32.2727



170.8610, -2.3965, 22.0469



90.7880, 1.5835, 5.4479



60.5650, 23.8785, 88.0815



12.3750, 4.7451, 18.0881

Inverse Universe

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



172.9130, 5.4659, 20.2473



218.2010, 8.7749, 32.2727



184.1390, 2.3965, -22.0469



90.7880, 1.5835, 5.4479



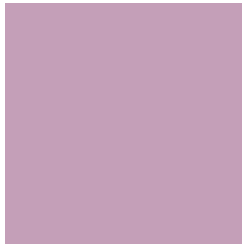
60.5650, 23.8785, 88.0815



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 172.9130, 5.4659, 20.2473 looks on a white background.

Color Contrast Check

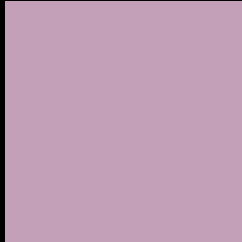
Large Text (above 18pt) WCAG AA × Fail

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 172.9130, 5.4659, 20.2473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

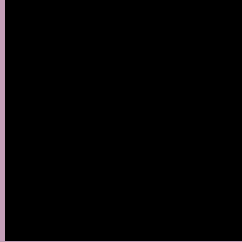
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.9130, 5.4659, 20.2473

Background



This preview shows how black text looks on a background with the YUV color 172.9130, 5.4659, 20.2473.



This preview shows how white text looks on a background with the YUV color 172.9130, 5.4659,

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

172.9130, 5.4659, 20.2473

Protanopia

170.7960, 9.4676, -3.3291

Deuteranopia

171.5370, 5.6513, 7.4221



Tritanopia

172.5340, 0.2297, 19.7027

Trichromacy



Original Color

172.9130, 5.4659, 20.2473

Protanomaly

171.5090, 8.1301, 5.6926

Deuteranomaly

172.1570, 5.3456, 12.1403

Tritanomaly

172.4030, 2.2663, 19.8176

Monochromacy



Original Color

172.9130, 5.4659, 20.2473

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9130, 5.4659, 20.2473 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(196, 159, 184)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 184)  
}
```

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(196, 159, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 184) }
```

Border

The CSS property to change the border of an element to YUV 172.9130, 5.4659, 20.2473 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(196, 159, 184) }
```


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

```
.border{ border-color:rgb(196, 159, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 184);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 172.9130, 5.4659, 20.2473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 184) }
```

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

```
.background{ background-color: rgb(196,  
159, 184) }
```

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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