

Converting Colors

YUV(172.9160, 14.3384,
21.1217)

Have a look what the booklet for
YUV(172.9160, 14.3384, 21.1217)
contains.

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Color

**YUV(172.9160, 14.3384,
21.1217)**

Conversions

Conversions Part 1

Format	Color
Hex	C59BCA
RGB	197, 155, 202
RGB Percent	77%, 61%, 79%
CMY	0.2275, 0.3922, 0.2078
CMYK	0.02, 0.23, 0.00, 0.21
HSL	294°, 31%, 70%
HSV	294°, 23%, 79%
XYZ	45.4080, 39.5773, 61.1230
YIQ	172.9160, 9.9450, 23.5210

Conversions

Conversions Part 2

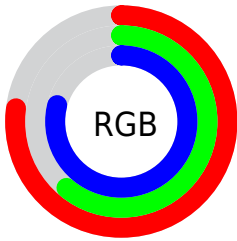
Format	Color
RYB	197, 155, 202
Decimal	12950474
CIELab	69.17, 23.77, -18.14
CIELCh	69, 29.905, 322.645
Yxy	39.5773, 0.3108, 0.2709
Android (android.graphics.Color)	4291140554 (0xFFC59BCA)
YUV	172.9160, 14.3384, 21.1217
Hunter-Lab	62.9105, 18.7457, -13.5681

Details

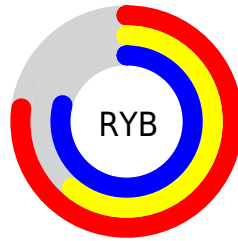
The YUV color **172.9160, 14.3384, 21.1217** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.0840, -14.3384, -21.1217**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.2860, 13.1700, 22.5512**, and **120.0900, 13.7596, 20.0921** is the 20% darker color. If you saturate the color by 10%, you get **160.5780, 20.4210, 30.1881**, and if you desaturate by 10%, it is **185.2540, 8.2558, 12.0552**.

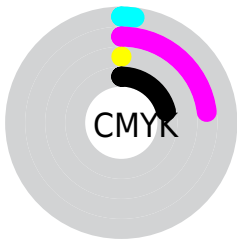
Distribution



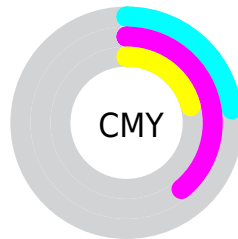
- Red (77%)
- Green (61%)
- Blue (79%)



- Red (77%)
- Yellow (61%)
- Blue (79%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)



- Cyan (23%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9160, 14.3384, 21.1217 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 172.9160, 14.3384, 21.1217 by changing the saturation by 10% instead.

■ 172.9160, 14.3384,
21.1217

■ 172.9160, 14.3384,
21.1217

255.0000, 0.0000,
0.0000

■ 146.2040, 14.1964,
19.9921

■ 228.2860, 13.1700,
22.5512

■ 120.0900, 13.7596,
20.0921

■ 245.0210, 4.9196,
8.7516

■ 95.2640, 13.1808,
19.0625

■ 71.4380, 12.6021,
18.0329

■ 47.7260, 12.4601,
16.9033

■ 25.3130, 12.1707,
16.3885

■ 11.1940, 9.2714,

12.9849

■ 0.0000, 0.0000,
0.0000

■ 172.9160, 14.3384,
21.1217

■ 172.9160, 14.3384,
21.1217

■ 160.5780, 20.4210,
30.1881

■ 185.2540, 8.2558,
12.0552

■ 148.2400, 26.5037,
39.2545

■ 197.5920, 2.1731,
2.9888

■ 135.3150, 32.8757,
48.8357

■ 210.5170, -4.1989,
-6.5924

■ 122.6780, 39.1057,
57.2874

■ 223.1540,
-10.4289, -15.0441

■ 110.3400, 45.1884,
66.3538

■ 234.9050,
-16.2222, -23.5957

■ 98.0020, 51.2710,
75.4202

■ 235.5030,
-16.5170, -22.3661

■ 85.6640, 57.3536,
84.4867

■ 236.1010,
-16.8118, -21.1366

■ 77.1470, 61.5525,
91.0791

■ 236.6990,
-17.1066, -19.9070

■ 237.2970,
-17.4014, -18.6775

Harmonies

Analogous

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



170.2700, 24.0239, -5.4988



172.9160, 14.3384, 21.1217



172.8230, 2.0593, 39.6202

Triad

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



172.9160, 14.3384, 21.1217



167.9710, -26.1147, 22.8274



154.3710, 17.0721, -62.5924

Complementary

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



172.9160, 14.3384, 21.1217



184.0840, -14.3384, -21.1217

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.



157.1700, 1.8882, -45.7531



172.9160, 14.3384, 21.1217



165.5230, -23.4288, 1.2953

Square

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



172.9160, 14.3384, 21.1217



170.0360, -21.2167, 38.5564



161.4150, -13.0226, -23.1660



156.6240, 26.8074, -58.4292

Rectangle

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



172.9160, 14.3384, 21.1217



172.1520, -6.9769, 44.5937



161.4150, -13.0226, -23.1660



154.8400, 12.4039, -58.6187

Sweetspot

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



172.9160, 14.3384, 21.1217



243.8360, 5.5039, 8.0368



163.2930, 19.0826, -7.2730



120.9450, 3.4781, 4.4332



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.



172.9160, 14.3384, 21.1217



210.9310, 21.7260, 31.6325



172.3590, 5.7390, 25.9952



95.8310, 3.0413, 4.5332



63.1760, 50.6922, 74.3906



14.4980, 11.5865, 17.1033

Inverse Universe

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



169.6230, -4.7441, 28.3946



206.0270, -7.4083, 42.9493



184.6410, -5.7390, -25.9952



95.1040, -1.0373, 6.0478



51.6860, -16.6072, 100.2534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 172.9160, 14.3384, 21.1217 looks on a white background.

Color Contrast Check

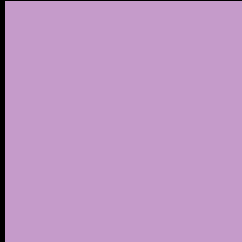
Large Text (above 18pt) WCAG AA × Fail

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 172.9160, 14.3384, 21.1217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

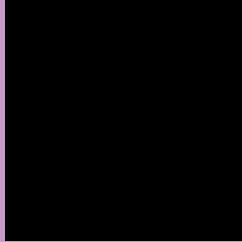
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.9160, 14.3384, 21.1217

Background



This preview shows how black text looks on a background with the YUV color 172.9160, 14.3384, 21.1217.



This preview shows how white text looks on a background with the YUV color 172.9160, 14.3384,

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

172.9160, 14.3384, 21.1217

Protanopia

169.6240, 20.3984, -9.3172

Deuteranopia

170.4850, 14.5509, -0.4253



Tritanopia

171.3490, 0.8139, 18.9879

Trichromacy



Original Color

172.9160, 14.3384, 21.1217

Protanomaly

171.1200, 18.1818, 1.6488

Deuteranomaly

171.2410, 14.6712, 7.6816

Tritanomaly

171.7280, 6.0501, 19.5325

Monochromacy



Original Color

172.9160, 14.3384, 21.1217

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8360, 5.5039, 8.0368

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9160, 14.3384, 21.1217 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(197, 155, 202)` looks like.

```
.text, #text, p{  
    color:rgb(197, 155, 202)  
}
```

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(197, 155, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 155, 202) }
```

Border

The CSS property to change the border of an element to YUV 172.9160, 14.3384, 21.1217 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(197, 155, 202) }
```


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

```
.border{ border-color:rgb(197, 155, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 155, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 155, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 155, 202);  
box-shadow:4px 4px 4px 4px rgb(197, 155,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 172.9160, 14.3384, 21.1217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 155, 202) }
```

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

```
.background{ background-color: rgb(197,  
155, 202) }
```

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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