

Converting Colors

YUV(175.2410, 18.1222,
20.8366)

Have a look what the booklet for
YUV(175.2410, 18.1222, 20.8366)
contains.

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Color

**YUV(175.2410, 18.1222,
20.8366)**

Conversions

Conversions Part 1

Format	Color
Hex	C79CD4
RGB	199, 156, 212
RGB Percent	78%, 61%, 83%
CMY	0.2196, 0.3882, 0.1686
CMYK	0.06, 0.26, 0.00, 0.17
HSL	286°, 39%, 72%
HSV	286°, 26%, 83%
XYZ	47.3253, 40.6725, 67.6436
YIQ	175.2410, 7.6520, 26.5320

Conversions

Conversions Part 2

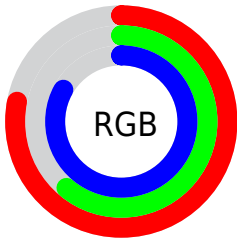
Format	Color
R_{YB}	199, 156, 212
Decimal	13081812
CIE _{Lab}	69.95, 25.84, -22.47
CIE _{LCh}	70, 34.246, 318.989
Yxy	40.6725, 0.3041, 0.2613
Android (android.graphics.Color)	4291271892 (0xFFC79CD4)
YUV	175.2410, 18.1222, 20.8366
Hunter-Lab	63.7750, 20.8527, -18.2440

Details

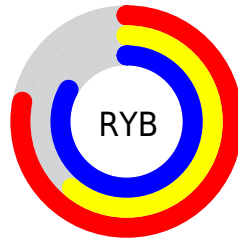
The YUV color **175.2410, 18.1222, 20.8366** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **192.7590, -18.1222, -20.8366**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1720, 12.7332, 22.6512**, and **122.0020, 17.2540, 19.2922** is the 20% darker color. If you saturate the color by 10%, you get **161.4190, 24.9364, 28.5735**, and if you desaturate by 10%, it is **189.0630, 11.3079, 13.0997**.

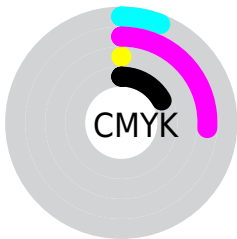
Distribution



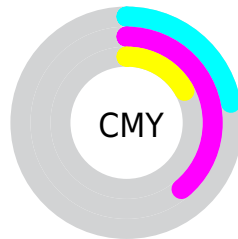
- Red (78%)
- Green (61%)
- Blue (83%)



- Red (78%)
- Yellow (61%)
- Blue (83%)



- Cyan (6%)
- Magenta (26%)
- Yellow (0%)
- Black (17%)





- Cyan (22%)
- Magenta (39%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 175.2410, 18.1222, 20.8366 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 175.2410, 18.1222, 20.8366 by changing the saturation by 10% instead.


 175.2410, 18.1222,
20.8366


 175.2410, 18.1222,
20.8366


255.0000, 0.0000,
0.0000


 148.4150, 17.5434,
19.8070


 229.1720, 12.7332,
22.6512


 122.0020, 17.2540,
19.2922

 245.6080, 4.6303,
8.2368

 97.1760, 16.6752,
18.2626

 72.7630, 16.3858,
17.7478

 49.8230, 15.3703,
16.8182

 26.5240, 15.5177,
16.2035

 12.5900, 12.0341,

13.5146

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 175.2410, 18.1222,
20.8366

■ 175.2410, 18.1222,
20.8366

■ 161.4190, 24.9364,
28.5735

■ 189.0630, 11.3079,
13.0997

■ 147.5970, 31.7507,
36.3104

■ 202.8850, 4.4937,
5.3629

■ 133.1880, 38.8543,
44.5621

■ 217.2940, -2.6099,
-2.8888

■ 119.3660, 45.6686,
52.2990

■ 231.1160, -9.4242,
-10.6257

■ 105.5440, 52.4828,
60.0359

■ 240.8290,
-14.2127, -14.7590

■ 91.7220, 59.2971,
67.7728

■ 242.3240,
-14.9497, -11.6851

■ 78.1990, 65.9639,
76.1245

■ 243.5200,
-15.5394, -9.2260

■ 72.9050, 68.5738,
79.0133

■ 245.0150,
-16.2764, -6.1522

■ 246.5100,
-17.0134, -3.0783

Harmonies

Analogous

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



171.7900, 28.6975, -11.2168



175.2410, 18.1222, 20.8366



174.8280, 4.5218, 43.1238

Triad

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



175.2410, 18.1222, 20.8366



169.7930, -29.4779, 28.2455



151.4510, 19.0047, -75.8175

Complementary

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



175.2410, 18.1222, 20.8366



192.7590, -18.1222, -20.8366

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.



157.3820, 0.3047, -51.2010



175.2410, 18.1222, 20.8366



166.8070, -27.5129, 4.5543

Square

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



175.2410, 18.1222, 20.8366



172.2110, -23.2750, 45.4190



163.0900, -16.8064, -22.8809



153.3660, 31.3716, -75.7430

Rectangle

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



175.2410, 18.1222, 20.8366



174.2390, -5.5408, 50.6564



163.0900, -16.8064, -22.8809



153.0020, 13.3100, -69.2848

Sweetspot

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



175.2410, 18.1222, 20.8366



241.7650, 6.5249, 7.2221



170.0150, 20.6986, -12.2912



119.4720, 4.2043, 4.8481



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.



175.2410, 18.1222, 20.8366



201.1850, 26.5308, 30.5328



177.4180, 9.6539, 30.3284



99.9450, 3.4781, 4.4332



58.6630, 55.3821, 63.4395



14.7690, 13.9179, 15.9886

Inverse Universe

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



174.2260, -2.5764, 33.1278



199.6840, -3.7882, 48.5121



190.5820, -9.6539, -30.3284



99.6310, -0.3111, 6.4626



55.6890, -7.7347, 101.1277



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 175.2410, 18.1222, 20.8366 looks on a white background.

Color Contrast Check

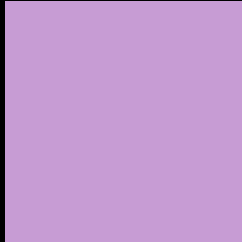
Large Text (above 18pt) WCAG AA × Fail

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 175.2410, 18.1222, 20.8366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

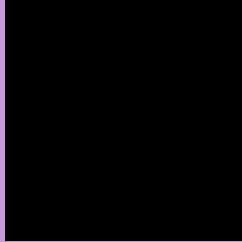
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.2410, 18.1222, 20.8366

Background



This preview shows how black text looks on a background with the YUV color 175.2410, 18.1222, 20.8366.



This preview shows how white text looks on a background with the YUV color 175.2410, 18.1222,

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

175.2410, 18.1222, 20.8366

Protanopia

171.3400, 24.4824, -12.5762

Deuteranopia

172.7880, 18.3455, -4.1991



Tritanopia

173.7510, 1.1088, 17.7584

Trichromacy



Original Color

175.2410, 18.1222, 20.8366

Protanomaly

172.5480, 22.4078, -0.4806

Deuteranomaly

173.8430, 18.3184, 4.5227

Tritanomaly

174.0700, 7.3605, 19.2326

Monochromacy



Original Color

175.2410, 18.1222, 20.8366

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0640, 6.3774, 7.8369

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2410, 18.1222, 20.8366 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(199, 156, 212)` looks like.

```
.text, #text, p{  
    color:rgb(199, 156, 212)  
}
```

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(199, 156, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 156, 212) }
```

Border

The CSS property to change the border of an element to YUV 175.2410, 18.1222, 20.8366 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(199, 156, 212) }
```


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

```
.border{ border-color:rgb(199, 156, 212) }
```

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

Here you see how a box with a 4 pixel rgb(199, 156, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 156, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 156, 212);  
box-shadow:4px 4px 4px 4px rgb(199, 156,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 175.2410, 18.1222, 20.8366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 156, 212) }
```

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

```
.background{ background-color: rgb(199,  
156, 212) }
```

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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