

Converting Colors

YUV(191.0230, 18.7227,
14.8888)

Have a look what the booklet for
YUV(191.0230, 18.7227, 14.8888)
contains.

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Color

**YUV(191.0230, 18.7227,
14.8888)**

Conversions

Conversions Part 1

Format	Color
Hex	D0AFE5
RGB	208, 175, 229
RGB Percent	82%, 69%, 90%
CMY	0.1843, 0.3137, 0.1020
CMYK	0.09, 0.24, 0.00, 0.10
HSL	277°, 51%, 79%
HSV	277°, 24%, 90%
XYZ	55.4853, 49.7270, 80.8026
YIQ	191.0230, 2.3340, 23.7900

Conversions

Conversions Part 2

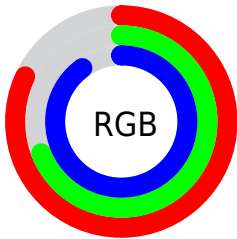
Format	Color
RYB	208, 175, 229
Decimal	13676517
CIELab	75.90, 21.75, -22.62
CIELCh	76, 31.383, 313.877
Yxy	49.7270, 0.2983, 0.2673
Android (android.graphics.Color)	4291866597 (0xFFD0AFE5)
YUV	191.0230, 18.7227, 14.8888
Hunter-Lab	70.5174, 17.0440, -18.5755

Details

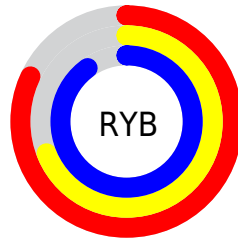
The YUV color **191.0230, 18.7227, 14.8888** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **212.9770, -18.7227, -14.8888**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9120, 6.9454, 12.3552**, and **137.0830, 17.7071, 13.9592** is the 20% darker color. If you saturate the color by 10%, you get **174.8310, 26.7053, 21.1962**, and if you desaturate by 10%, it is **207.2150, 10.7400, 8.5814**.

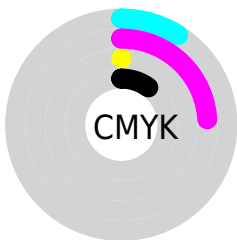
Distribution



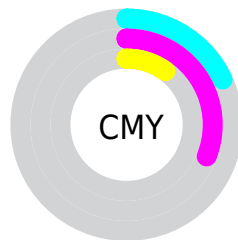
- Red (82%)
- Green (69%)
- Blue (90%)



- Red (82%)
- Yellow (69%)
- Blue (90%)



- Cyan (9%)
- Magenta (24%)
- Yellow (0%)
- Black (10%)





- Cyan (18%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 191.0230, 18.7227, 14.8888 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 191.0230, 18.7227, 14.8888 by changing the saturation by 10% instead.


 191.0230, 18.7227,
14.8888


 191.0230, 18.7227,
14.8888


255.0000, 0.0000,
0.0000


 163.6100, 18.4333,
14.3740


 240.9120, 6.9454,
12.3552

 137.0830, 17.7071,
13.9592

 111.6700, 17.4177,
13.4444

 86.8440, 16.8389,
12.4148

 63.3170, 16.1127,
12.0000

 40.4910, 15.5339,
10.9704

 18.3770, 15.0971,

11.0704

■ 3.1920, 12.2303,
-2.7994

■ 0.0000, 0.0000,
0.0000

■ 191.0230, 18.7227,
14.8888

■ 191.0230, 18.7227,
14.8888

■ 174.8310, 26.7053,
21.1962

■ 207.2150, 10.7400,
8.5814

■ 158.6390, 34.6880,
27.5036

■ 223.4070, 2.7573,
2.2741

■ 142.4470, 42.6706,
33.8110

■ 239.5990, -5.2253,
-4.0333

■ 126.2550, 50.6533,
40.1184

■ 248.7470, -9.7353,
-4.1631

■ 110.0630, 58.6359,
46.4257

■ 251.4380,
-11.0619, 1.3699

■ 94.7570, 66.1818,
52.8331

■ 252.0360,
-11.3567, 2.5994

■ 78.5650, 74.1645,
59.1405

■ 67.9660, 79.3898,
63.1738

Harmonies

Analogous

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



186.8280, 27.6928, -15.6352



191.0230, 18.7227, 14.8888



191.5500, 6.1379, 38.1057

Triad

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



191.0230, 18.7227, 14.8888



187.0860, -27.1574, 30.6196



172.1600, 13.7251, -62.4073

Complementary

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



191.0230, 18.7227, 14.8888



212.9770, -18.7227, -14.8888

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.



176.2260, -3.0694, -42.2942



191.0230, 18.7227, 14.8888



184.3560, -26.7975, 8.4578

Square

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



191.0230, 18.7227, 14.8888



189.0090, -20.2174, 44.7191



180.3080, -17.4068, -16.9331



173.0530, 26.1029, -65.8215

Rectangle

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



191.0230, 18.7227, 14.8888



191.3740, -3.6354, 46.1530



180.3080, -17.4068, -16.9331



173.1130, 8.3253, -57.1041

Sweetspot

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



191.0230, 18.7227, 14.8888



242.3410, 6.2409, 4.9629



194.0700, 17.2205, -16.7244



120.3470, 3.7729, 3.2037



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.



191.0230, 18.7227, 14.8888



204.9510, 24.6742, 19.3370



196.7320, 13.4431, 28.2990



106.4610, 4.2097, 3.1037



52.9970, 62.1195, 49.1146



15.0830, 17.7071, 13.9592

Inverse Universe

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



193.5400, 1.2128, 31.0984



208.3070, 1.3276, 40.9498



207.2680, -13.4431, -28.2990



107.1580, 0.4151, 6.8774



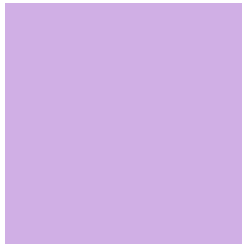
61.3870, 3.7532, 103.1466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 191.0230, 18.7227, 14.8888 looks on a white background.

Color Contrast Check

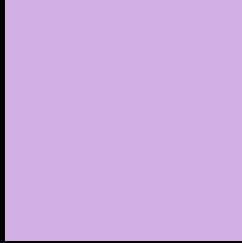
Large Text (above 18pt) WCAG AA × Fail

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 191.0230, 18.7227, 14.8888 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 191.0230, 18.7227, 14.8888

Background



This preview shows how black text looks on a background with the YUV color 191.0230, 18.7227, 14.8888.



This preview shows how white text looks on a background with the YUV color 191.0230, 18.7227, 14.8888.

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

191.0230, 18.7227, 14.8888

Protanopia

187.8240, 23.7508, -11.2466

Deuteranopia

188.6140, 18.9243, -3.1695



Tritanopia

189.1740, 2.8722, 12.1254

Trichromacy



Original Color

191.0230, 18.7227, 14.8888

Protanomaly

188.7220, 21.8291, -1.5102

Deuteranomaly

189.3590, 19.0500, 3.1932

Tritanomaly

189.9660, 8.3978, 13.1848

Monochromacy



Original Color

191.0230, 18.7227, 14.8888

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.8680, 6.9671, 5.3778

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.0230, 18.7227, 14.8888 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(208, 175, 229)` looks like.

```
.text, #text, p{  
    color:rgb(208, 175, 229)  
}
```

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(208, 175, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 175, 229) }
```

Border

The CSS property to change the border of an element to YUV 191.0230, 18.7227, 14.8888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

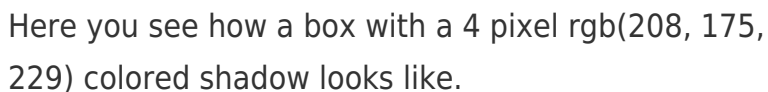
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 175, 229) }
```


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

```
.border{ border-color:rgb(208, 175, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 175, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 175, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 175, 229); box-shadow:4px 4px 4px 4px rgb(208, 175, 229) }
```

Background

The CSS property to change the background color of an element to YUV 191.0230, 18.7227, 14.8888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 175, 229) }
```

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

```
.background{ background-color: rgb(208,  
175, 229) }
```

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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