

Converting Colors

YUV(191.3000, 18.5861,
12.0149)

Have a look what the booklet for
YUV(191.3000, 18.5861, 12.0149)
contains.

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Color

**YUV(191.3000, 18.5861,
12.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB1E5
RGB	205, 177, 229
RGB Percent	80%, 69%, 90%
CMY	0.1961, 0.3059, 0.1020
CMYK	0.10, 0.23, 0.00, 0.10
HSL	272°, 50%, 80%
HSV	272°, 23%, 90%
XYZ	55.0418, 50.0806, 80.8942
YIQ	191.3000, -0.0040, 22.1080

Conversions

Conversions Part 2

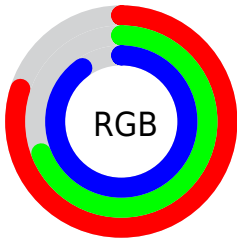
Format	Color
R_{YB}	205, 177, 229
Decimal	13480421
CIE _{Lab}	76.12, 19.70, -22.32
CIE _{LCh}	76, 29.766, 311.436
Yxy	50.0806, 0.2959, 0.2692
Android (android.graphics.Color)	4291670501 (0xFFCDB1E5)
YUV	191.3000, 18.5861, 12.0149
Hunter-Lab	70.7676, 14.9909, -18.2369

Details

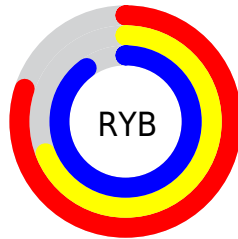
The YUV color $191.3000, 18.5861, 12.0149$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $214.7000, -18.5861, -12.0149$, and the grayscale version is $191.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0860, 6.3666, 11.3256$, and $137.3600, 17.5705, 11.0853$ is the 20% darker color. If you saturate the color by 10%, you get $174.5100, 26.8636, 17.0927$, and if you desaturate by 10%, it is $208.0900, 10.3086, 6.9371$.

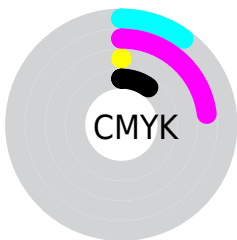
Distribution



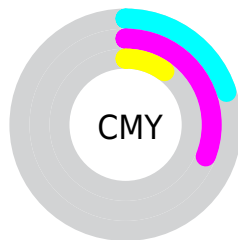
- Red (80%)
- Green (69%)
- Blue (90%)



- Red (80%)
- Yellow (69%)
- Blue (90%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.3000, 18.5861, 12.0149 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 191.3000, 18.5861, 12.0149 by changing the saturation by 10% instead.

■ 191.3000, 18.5861,
12.0149

■ 191.3000, 18.5861,
12.0149

255.0000, 0.0000,
0.0000

■ 163.8870, 18.2967,
11.5001

■ 242.0860, 6.3666,
11.3256

■ 137.3600, 17.5705,
11.0853

■ 111.9470, 17.2811,
10.5705

■ 87.4200, 16.5549,
10.1557

■ 63.5940, 15.9762,
9.1261

■ 41.0670, 15.2500,
8.7112

■ 19.5400, 14.5238,

8.2964

■ 3.1920, 12.2303,
-2.7994

■ 0.0000, 0.0000,
0.0000

■ 191.3000, 18.5861,
12.0149

■ 191.3000, 18.5861,
12.0149

■ 174.5100, 26.8636,
17.0927

■ 208.0900, 10.3086,
6.9371

■ 158.0190, 34.9936,
22.7853

■ 224.5810, 2.1786,
1.2445

■ 141.2290, 43.2711,
27.8632

■ 241.3710, -6.0989,
-3.8334

■ 124.7380, 51.4012,
33.5558

■ 249.6440,
-10.1775, -2.3188

■ 108.5350, 59.3892,
38.1188

■ 252.0360,
-11.3567, 2.5994

■ 92.0440, 67.5193,
43.8114

■ 75.2540, 75.7968,
48.8892

■ 62.8830, 81.8957,
52.7226

Harmonies

Analogous

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



187.4750, 26.3878, -17.0796



191.3000, 18.5861, 12.0149



192.3430, 6.7329, 33.9022

Triad

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



191.3000, 18.5861, 12.0149



187.8410, -25.5576, 30.8344



174.3240, 11.6723, -57.2891

Complementary

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



191.3000, 18.5861, 12.0149



214.7000, -18.5861, -12.0149

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.



178.2050, -4.5381, -37.8908



191.3000, 18.5861, 12.0149



185.1220, -25.2031, 10.4170

Square

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



191.3000, 18.5861, 12.0149



189.8670, -18.1754, 43.0896



181.9170, -17.7071, -13.9592



174.8040, 23.7606, -61.2181

Rectangle

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



191.3000, 18.5861, 12.0149



191.4060, -2.1722, 43.4939



181.9170, -17.7071, -13.9592



175.2770, 6.2724, -51.9859

Sweetspot

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



191.3000, 18.5861, 12.0149



242.0420, 6.3883, 4.3482



197.0160, 15.7681, -17.5540



120.0480, 3.9203, 2.5889



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.



191.3000, 18.5861, 12.0149



204.9290, 24.6850, 15.8483



198.2480, 14.1747, 26.9695



106.1620, 4.3571, 2.4889



49.1100, 64.0358, 41.1225



13.8870, 18.2967, 11.5001

Inverse Universe

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



195.2840, 2.8180, 29.5689



210.2790, 3.8065, 39.2203



207.7520, -14.1747, -26.9695



107.2720, 0.8519, 6.7775



62.8690, 9.4316, 101.8469



17.9850, 2.9654, 28.9542

Previews

White Background



This preview shows how the YUV color 191.3000, 18.5861, 12.0149 looks on a white background.

Color Contrast Check

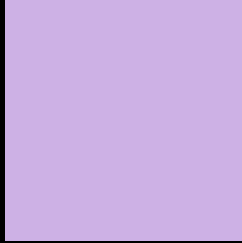
Large Text (above 18pt) WCAG AA × Fail

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 191.3000, 18.5861, 12.0149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

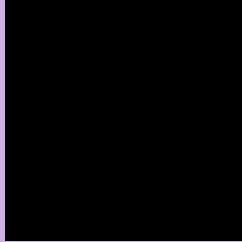
Any Text WCAG AA ✓ Pass

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 191.3000, 18.5861, 12.0149 Background



This preview shows how black text looks on a background with the YUV color 191.3000, 18.5861, 12.0149.



This preview shows how white text looks on a background with the YUV color 191.3000, 18.5861,

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

191.3000, 18.5861, 12.0149

Protanopia

188.5960, 22.8772, -11.0467

Deuteranopia

189.6140, 18.9243, -3.1695



Tritanopia

189.6790, 3.6093, 9.0515

Trichromacy



Original Color

191.3000, 18.5861, 12.0149

Protanomaly

189.8960, 21.2503, -2.5398

Deuteranomaly

189.9460, 18.7606, 2.6784

Tritanomaly

190.4710, 9.1348, 10.1109

Monochromacy



Original Color

191.3000, 18.5861, 12.0149

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.1560, 6.8251, 4.2482

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.3000, 18.5861, 12.0149 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(205, 177, 229)` looks like.

```
.text, #text, p{  
    color:rgb(205, 177, 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(205, 177, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 177, 229) }
```

Border

The CSS property to change the border of an element to YUV 191.3000, 18.5861, 12.0149 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(205, 177, 229) }
```


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

```
.border{ border-color:rgb(205, 177, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 177, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 177, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 177, 229);  
box-shadow:4px 4px 4px 4px rgb(205, 177,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 191.3000, 18.5861, 12.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 177, 229) }
```

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

```
.background{ background-color: rgb(205,  
177, 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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