

Converting Colors

YUV(191.9430, 13.3391,
14.9590)

Have a look what the booklet for
YUV(191.9430, 13.3391, 14.9590)
contains.

YUV(191.9430, 13.3391, 14.9590)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(191.9430, 13.3391,
14.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B2DB
RGB	209, 178, 219
RGB Percent	82%, 70%, 86%
CMY	0.1804, 0.3020, 0.1412
CMYK	0.05, 0.19, 0.00, 0.14
HSL	285°, 36%, 78%
HSV	285°, 19%, 86%
XYZ	55.0011, 50.5106, 73.8685
YIQ	191.9430, 5.3150, 19.3230

Conversions

Conversions Part 2

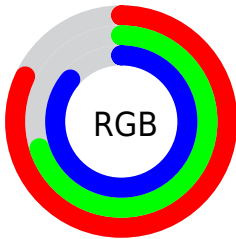
Format	Color
R_{YB}	209, 178, 219
Decimal	13742811
CIE _{Lab}	76.38, 18.46, -16.46
CIE _{LCh}	76, 24.733, 318.285
Yxy	50.5106, 0.3066, 0.2816
Android (android.graphics.Color)	4291932891 (0xFFD1B2DB)
YUV	191.9430, 13.3391, 14.9590
Hunter-Lab	71.0708, 13.7657, -11.8744

Details

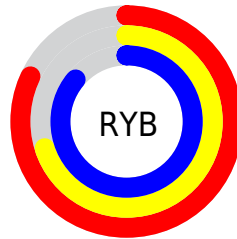
The YUV color **191.9430, 13.3391, 14.9590** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **205.0570, -13.3391, -14.9590**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.6730, 6.0772, 10.8108**, and **138.1170, 12.7603, 13.9294** is the 20% darker color. If you saturate the color by 10%, you get **177.5340, 20.4427, 23.2107**, and if you desaturate by 10%, it is **206.3520, 6.2355, 6.7073**.

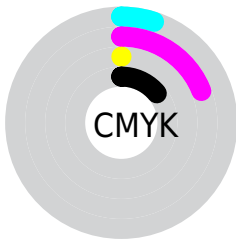
Distribution



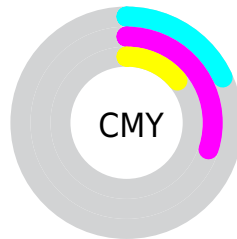
- Red (82%)
- Green (70%)
- Blue (86%)



- Red (82%)
- Yellow (70%)
- Blue (86%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.9430, 13.3391, 14.9590 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 191.9430, 13.3391, 14.9590 by changing the saturation by 10% instead.

■ 191.9430, 13.3391,
14.9590

■ 191.9430, 13.3391,
14.9590

255.0000, 0.0000,
0.0000

■ 164.5300, 13.0497,
14.4442

■ 242.6730, 6.0772,
10.8108

■ 138.1170, 12.7603,
13.9294

■ 112.7040, 12.4709,
13.4146

■ 88.1770, 11.7447,
12.9998

■ 64.4650, 11.6028,
11.8702

■ 41.9380, 10.8766,
11.4554

■ 20.5250, 10.5872,

10.9406

■ 2.3940, 9.1728,
-2.0995

■ 0.0000, 0.0000,
0.0000

■ 191.9430, 13.3391,
14.9590

■ 191.9430, 13.3391,
14.9590

■ 177.5340, 20.4427,
23.2107

■ 206.3520, 6.2355,
6.7073

■ 162.8260, 27.6938,
30.8476

■ 221.0600, -1.0156,
-0.9296

■ 148.4170, 34.7974,
39.0993

■ 235.4690, -8.1192,
-9.1813

■ 134.0080, 41.9011,
47.3510

■ 243.4210,
-12.0396, -11.7702

■ 119.3000, 49.1521,
54.9879

■ 245.2150,
-12.9240, -8.0816

■ 105.4780, 55.9663,
62.7248

■ 246.7100,
-13.6610, -5.0077

■ 91.0690, 63.0700,
70.9765

■ 248.2050,
-14.3981, -1.9338

■ 76.3610, 70.3210,
78.6134

■ 249.9990,
-15.2825, 1.7549

■ 74.6000, 71.1892,
80.1578

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



189.4500, 20.9772, -8.2876



191.9430, 13.3391, 14.9590



192.5940, 2.6652, 31.9281

Triad

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



191.9430, 13.3391, 14.9590



188.4100, -21.8941, 22.4424



178.3900, 11.6397, -46.8230

Complementary

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



191.9430, 13.3391, 14.9590



205.0570, -13.3391, -14.9590

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.



180.1390, -1.0545, -35.2019



191.9430, 13.3391, 14.9590



185.7560, -20.0927, 4.5990

Square

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



191.9430, 13.3391, 14.9590



190.3390, -17.4221, 34.7827



182.8720, -12.7549, -15.6737



180.0940, 20.6597, -46.5634

Rectangle

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



191.9430, 13.3391, 14.9590



192.0910, -4.4819, 37.6312



182.8720, -12.7549, -15.6737



178.3750, 7.7031, -44.1789

Sweetspot

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



191.9430, 13.3391, 14.9590



244.9990, 4.9305, 5.2629



188.5440, 15.0148, -9.2471



121.8200, 3.0467, 2.7889



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.



191.9430, 13.3391, 14.9590



217.9420, 18.2696, 20.2219



193.7930, 7.4971, 22.1065



102.6460, 3.6255, 3.8185



58.8910, 56.2557, 63.2396



15.7090, 14.9335, 16.9182

Inverse Universe

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



191.3990, -1.6757, 24.2061



217.3400, -2.1396, 33.0278



203.2070, -7.4971, -22.1065



102.5170, -0.7479, 6.5626



56.5150, -7.1559, 102.1573



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 191.9430, 13.3391, 14.9590 looks on a white background.

Color Contrast Check

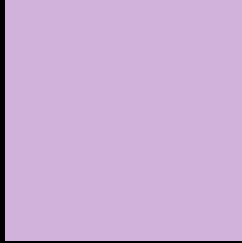
Large Text (above 18pt) WCAG AA × Fail

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 191.9430, 13.3391, 14.9590 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

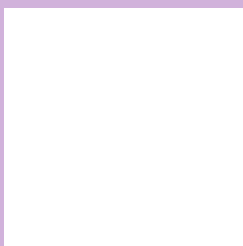
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 191.9430, 13.3391, 14.9590

Background



This preview shows how black text looks on a background with the YUV color 191.9430, 13.3391, 14.9590.



This preview shows how white text looks on a background with the YUV color 191.9430, 13.3391,

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

191.9430, 13.3391, 14.9590

Protanopia

189.5380, 17.4828, -7.4878

Deuteranopia

190.5670, 13.5245, 2.1337



Tritanopia

190.7720, 2.5774, 13.3550

Trichromacy



Original Color

191.9430, 13.3391, 14.9590

Protanomaly

190.5390, 16.0033, 0.4043

Deuteranomaly

191.1870, 13.2188, 6.8520

Tritanomaly

191.3960, 6.2138, 13.6847

Monochromacy



Original Color

191.9430, 13.3391, 14.9590

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.9990, 4.9305, 5.2629

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.9430, 13.3391, 14.9590 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(209, 178, 219)` looks like.

```
.text, #text, p{  
    color:rgb(209, 178, 219)  
}
```

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(209, 178, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 178, 219) }
```

Border

The CSS property to change the border of an element to YUV 191.9430, 13.3391, 14.9590 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(209, 178, 219) }
```


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

```
.border{ border-color:rgb(209, 178, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 178, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 178, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 178, 219);  
box-shadow:4px 4px 4px 4px rgb(209, 178,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 191.9430, 13.3391, 14.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 178, 219) }
```

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

```
.background{ background-color: rgb(209,  
178, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor