

Converting Colors

YUV(191.0120, 18.7281,
13.1445)

Have a look what the booklet for
YUV(191.0120, 18.7281, 13.1445)
contains.

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Color

**YUV(191.0120, 18.7281,
13.1445)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB0E5
RGB	206, 176, 229
RGB Percent	81%, 69%, 90%
CMY	0.1922, 0.3098, 0.1020
CMYK	0.10, 0.23, 0.00, 0.10
HSL	274°, 50%, 79%
HSV	274°, 23%, 90%
XYZ	55.1218, 49.8296, 80.8416
YIQ	191.0120, 0.8670, 22.8430

Conversions

Conversions Part 2

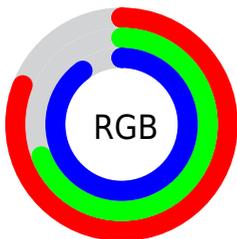
Format	Color
R_{YB}	206, 176, 229
Decimal	13545701
CIE _{Lab}	75.96, 20.56, -22.54
CIE _{LCh}	76, 30.513, 312.374
Yxy	49.8296, 0.2967, 0.2682
Android (android.graphics.Color)	4291735781 (0xFFCEB0E5)
YUV	191.0120, 18.7281, 13.1445
Hunter-Lab	70.5901, 15.8529, -18.4874

Details

The YUV color **191.0120, 18.7281, 13.1445** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **213.9880, -18.7281, -13.1445**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **137.0720, 17.7125, 12.2149** is the 20% darker color. If you saturate the color by 10%, you get **174.5210, 26.8581, 18.8371**, and if you desaturate by 10%, it is **207.5030, 10.5980, 7.4519**.

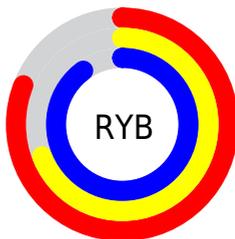
Distribution



Red (81%)

Green (69%)

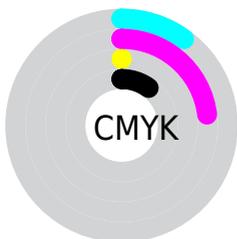
Blue (90%)



Red (81%)

Yellow (69%)

Blue (90%)

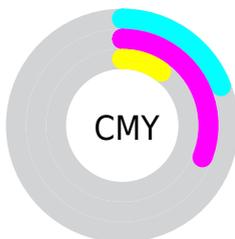


Cyan (10%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (19%)

Magenta (31%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.0120, 18.7281, 13.1445 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 191.0120, 18.7281, 13.1445 by changing the saturation by 10% instead.

■ 191.0120, 18.7281,
13.1445

■ 191.0120, 18.7281,
13.1445

255.0000, 0.0000,
0.0000

■ 163.5990, 18.4387,
12.6297

■ 241.4990, 6.6560,
11.8404

■ 137.0720, 17.7125,
12.2149

■ 111.6590, 17.4231,
11.7001

■ 87.1320, 16.6969,
11.2852

■ 63.3060, 16.1181,
10.2556

■ 41.3660, 15.1026,
9.3260

■ 18.9530, 14.8132,

8.8112

■ 3.1920, 12.2303,
-2.7994

■ 0.0000, 0.0000,
0.0000

■ 191.0120, 18.7281,
13.1445

■ 191.0120, 18.7281,
13.1445

■ 174.5210, 26.8581,
18.8371

■ 207.5030, 10.5980,
7.4519

■ 158.0300, 34.9882,
24.5297

■ 223.9940, 2.4680,
1.7593

■ 141.5390, 43.1183,
30.2223

■ 240.4850, -5.6621,
-3.9333

■ 125.0480, 51.2483,
35.9149

■ 249.3450,
-10.0301, -2.9336

■ 108.5570, 59.3784,
41.6075

■ 252.0360,
-11.3567, 2.5994

■ 92.6530, 67.2191,
46.7853

■ 76.1620, 75.3491,
52.4779

■ 64.9760, 80.8638,
57.0260

Harmonies

Analogous

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



187.0020, 27.1140, -16.6648



191.0120, 18.7281, 13.1445



191.6530, 6.5801, 36.2613

Triad

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



191.0120, 18.7281, 13.1445



187.3140, -26.2838, 30.4196



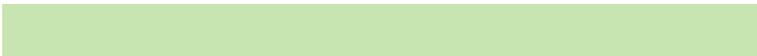
173.1280, 12.2619, -59.7483

Complementary

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



191.0120, 18.7281, 13.1445



213.9880, -18.7281, -13.1445

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.



177.3080, -4.0958, -39.7351



191.0120, 18.7281, 13.1445



184.5950, -25.9293, 10.0022

Square

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



191.0120, 18.7281, 13.1445



189.3510, -18.9070, 44.4192



181.2050, -17.8491, -15.0888



174.0210, 24.6396, -63.1624

Rectangle

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



191.0120, 18.7281, 13.1445



191.0040, -2.4670, 44.7235



181.2050, -17.8491, -15.0888



174.4940, 7.1515, -53.9302

Sweetspot

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



191.0120, 18.7281, 13.1445



242.0420, 6.3883, 4.3482



196.1300, 16.2049, -17.6540



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.



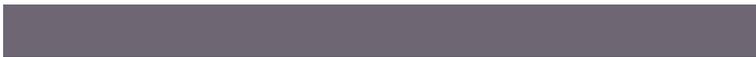
191.0120, 18.7281, 13.1445



204.0540, 25.1164, 17.4926



197.5470, 14.0273, 27.5843



106.4610, 4.2097, 3.1037



50.6050, 63.2987, 44.1964



14.4850, 18.0019, 12.7297

Inverse Universe

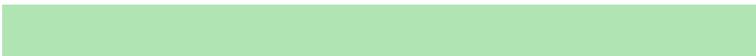
The Inverse Universe completely reimagines the original color for something new.



194.4690, 2.2338, 30.2837



208.7630, 3.0748, 40.5498



207.4530, -14.0273, -27.5843



107.1580, 0.4151, 6.8774



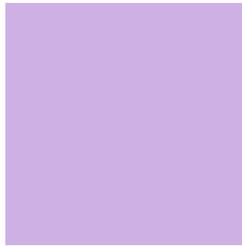
62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 191.0120, 18.7281, 13.1445 looks on a white background.

Color Contrast Check

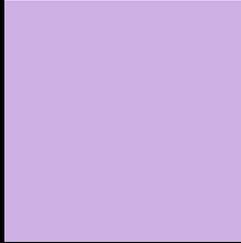
Large Text (above 18pt) WCAG AA × Fail

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 191.0120, 18.7281, 13.1445 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 191.0120, 18.7281, 13.1445

Background



This preview shows how black text looks on a background with the YUV color 191.0120, 18.7281, 13.1445.



This preview shows how white text looks on a background with the YUV color 191.0120, 18.7281, 13.1445.

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

191.0120, 18.7281, 13.1445

Protanopia

187.8240, 23.7508, -11.2466

Deuteranopia

189.0270, 19.2137, -2.6547



Tritanopia

189.2770, 3.3144, 10.2811

Trichromacy



Original Color

191.0120, 18.7281, 13.1445

Protanomaly

189.0100, 21.6871, -2.6398

Deuteranomaly

189.3590, 19.0500, 3.1932

Tritanomaly

190.0690, 8.8400, 11.3405

Monochromacy



Original Color

191.0120, 18.7281, 13.1445

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 191.0120, 18.7281, 13.1445 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(206, 176, 229)` looks like.

```
.text, #text, p{  
    color:rgb(206, 176, 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(206, 176, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 176, 229) }
```

Border

The CSS property to change the border of an element to YUV 191.0120, 18.7281, 13.1445 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(206, 176, 229) }
```

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

```
.border{ border-color:rgb(206, 176, 229) }
```

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

Here you see how a box with a 4 pixel rgb(206, 176, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 176, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 176, 229);  
box-shadow:4px 4px 4px 4px rgb(206, 176,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 191.0120, 18.7281, 13.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 176, 229) }
```

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

```
.background{ background-color: rgb(206,  
176, 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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