

Converting Colors

YUV(191.7620, 21.3163,
23.0107)

Have a look what the booklet for
YUV(191.7620, 21.3163, 23.0107)
contains.

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Color

**YUV(191.7620, 21.3163,
23.0107)**

Conversions

Conversions Part 1

Format	Color
Hex	DAAAEB
RGB	218, 170, 235
RGB Percent	85%, 67%, 92%
CMY	0.1451, 0.3333, 0.0784
CMYK	0.07, 0.28, 0.00, 0.08
HSL	284°, 62%, 79%
HSV	284°, 28%, 92%
XYZ	58.2836, 49.6530, 85.1094
YIQ	191.7620, 7.7430, 30.3910

Conversions

Conversions Part 2

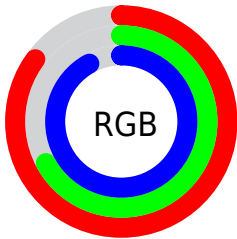
Format	Color
R _Y B	218, 170, 235
Decimal	14330603
CIE Lab	75.86, 28.86, -25.86
CIE LCh	76, 38.751, 318.134
Yxy	49.6530, 0.3019, 0.2572
Android (android.graphics.Color)	4292520683 (0xFFDAAAEB)
YUV	191.7620, 21.3163, 23.0107
Hunter-Lab	70.4649, 24.3289, -22.2866

Details

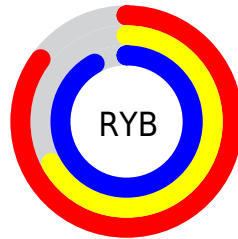
The YUV color **191.7620, 21.3163, 23.0107** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **213.2380, -21.3163, -23.0107**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **137.5230, 20.4482, 21.4663** is the 20% darker color. If you saturate the color by 10%, you get **176.4670, 28.8568, 31.1624**, and if you desaturate by 10%, it is **207.6440, 13.4865, 14.3442**.

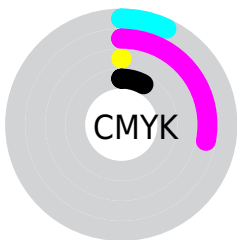
Distribution



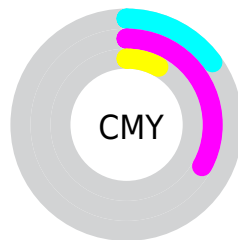
- Red (85%)
- Green (67%)
- Blue (92%)



- Red (85%)
- Yellow (67%)
- Blue (92%)



- Cyan (7%)
- Magenta (28%)
- Yellow (0%)
- Black (8%)





- Cyan (15%)
- Magenta (33%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 191.7620, 21.3163, 23.0107 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 191.7620, 21.3163, 23.0107 by changing the saturation by 10% instead.


 191.7620, 21.3163,
23.0107

 191.7620, 21.3163,
23.0107


255.0000, 0.0000,
0.0000


 164.3490, 21.0269,
22.4959


 237.9770, 8.3923,
14.9292


 137.5230, 20.4482,
21.4663

254.4130, 0.2894,
0.5148

 111.9960, 19.7220,
21.0515

 87.1700, 19.1432,
20.0219

 63.0450, 18.7118,
18.3775

 39.6320, 18.4224,
17.8627

 17.2190, 18.1330,

17.3479

■ 5.4420, 13.0931,
0.4894

■ 0.4560, 1.7472,
-0.3999

■ 191.7620, 21.3163,
23.0107

■ 191.7620, 21.3163,
23.0107

■ 176.4670, 28.8568,
31.1624

■ 207.6440, 13.4865,
14.3442

■ 160.5850, 36.6866,
39.8290

■ 222.9390, 5.9461,
6.1925

■ 145.2900, 44.2270,
47.9807

■ 238.2340, -1.5944,
-1.9592

■ 129.1090, 52.2043,
56.0324

■ 249.1320, -6.9671,
-5.3778

■ 113.2270, 60.0341,
64.6989

■ 250.9260, -7.8515,
-1.6891

■ 97.9320, 67.5745,
72.8506

■ 252.7200, -8.7360,
1.9996

■ 82.0500, 75.4043,
81.5172

■ 78.8160, 76.9987,
83.4764

Harmonies

Analogous

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



187.6200, 33.2183, -14.5757



191.7620, 21.3163, 23.0107



191.8010, 5.5211, 49.2865

Triad

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



191.7620, 21.3163, 23.0107



185.9740, -34.0042, 33.3488



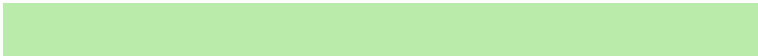
161.9760, 22.6898, -91.1870

Complementary

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



191.7620, 21.3163, 23.0107



213.2380, -21.3163, -23.0107

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.



170.6260, 0.1844, -59.3080



191.7620, 21.3163, 23.0107



182.6670, -31.8808, 5.5540

Square

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



191.7620, 21.3163, 23.0107



188.1580, -26.2069, 52.4814



177.3840, -19.4163, -25.7698



163.1510, 37.3936, -93.9714

Rectangle

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



191.7620, 21.3163, 23.0107



189.8700, -5.8519, 57.1190



177.3840, -19.4163, -25.7698



164.7940, 15.3846, -81.3803

Sweetspot

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



191.7620, 21.3163, 23.0107



241.7650, 6.5249, 7.2221



187.3890, 23.4722, -15.2502



119.1730, 4.3517, 4.2333



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.



191.7620, 21.3163, 23.0107



199.1140, 27.5518, 29.7180



195.1350, 12.2584, 34.9616



109.6460, 3.6255, 3.8185



60.7000, 59.3079, 64.2841



18.1160, 17.6908, 19.1923

Inverse Universe

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



191.3730, -2.1559, 38.2609



198.6240, -2.7726, 49.4418



209.8650, -12.2584, -34.9616



109.6310, -0.3111, 6.4626



59.4770, -6.1512, 106.5757



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 191.7620, 21.3163, 23.0107 looks on a white background.

Color Contrast Check

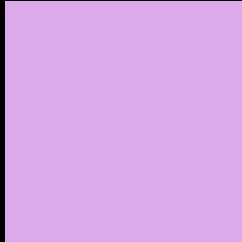
Large Text (above 18pt) WCAG AA × Fail

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 191.7620, 21.3163, 23.0107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

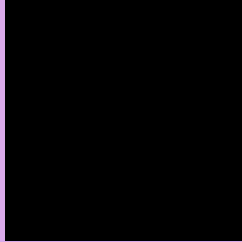
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.7620, 21.3163, 23.0107

Background



This preview shows how black text looks on a background with the YUV color 191.7620, 21.3163, 23.0107.



This preview shows how white text looks on a background with the YUV color 191.7620, 21.3163, 23.0107.

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

191.7620, 21.3163, 23.0107

Protanopia

187.7680, 28.7084, -14.7055

Deuteranopia

188.2870, 21.5505, -5.5137



Tritanopia

189.7620, 1.1033, 19.5027

Trichromacy



Original Color

191.7620, 21.3163, 23.0107

Protanomaly

189.4600, 25.9022, -1.2804

Deuteranomaly

189.3530, 21.5180, 4.9524

Tritanomaly

190.4230, 8.6655, 20.6770

Monochromacy



Original Color

191.7620, 21.3163, 23.0107

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.8190, 7.9772, 8.0517

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.7620, 21.3163, 23.0107 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(218, 170, 235)` looks like.

```
.text, #text, p{  
    color:rgb(218, 170, 235)  
}
```

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(218, 170, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 170, 235) }
```

Border

The CSS property to change the border of an element to YUV 191.7620, 21.3163, 23.0107 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(218, 170, 235) }
```


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

```
.border{ border-color:rgb(218, 170, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 170, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 170, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 170, 235);  
box-shadow:4px 4px 4px 4px rgb(218, 170,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 191.7620, 21.3163, 23.0107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 170, 235) }
```

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

```
.background{ background-color: rgb(218,  
170, 235) }
```

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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