

Converting Colors

YUV(188.1870, 20.1208,
33.1620)

Have a look what the booklet for
YUV(188.1870, 20.1208, 33.1620)
contains.

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Color

**YUV(188.1870, 20.1208,
33.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A1E5
RGB	226, 161, 229
RGB Percent	89%, 63%, 90%
CMY	0.1137, 0.3686, 0.1020
CMYK	0.01, 0.30, 0.00, 0.10
HSL	297°, 57%, 76%
HSV	297°, 30%, 90%
XYZ	58.2518, 47.3156, 80.1914
YIQ	188.1870, 16.9120, 34.9280

Conversions

Conversions Part 2

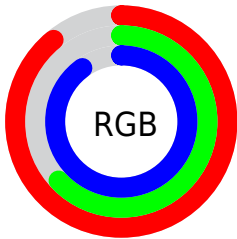
Format	Color
R _Y B	226, 161, 229
Decimal	14852581
CIE Lab	74.39, 35.09, -24.77
CIE LCh	74, 42.953, 324.787
Yxy	47.3156, 0.3136, 0.2547
Android (android.graphics.Color)	4293042661 (0xFFE2A1E5)
YUV	188.1870, 20.1208, 33.1620
Hunter-Lab	68.7864, 30.7867, -20.9700

Details

The YUV color **188.1870, 20.1208, 33.1620** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **201.8130, -20.1208, -33.1620**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6940, 10.9969, 19.5624**, and **133.9480, 19.2526, 31.6176** is the 20% darker color. If you saturate the color by 10%, you get **174.3870, 26.9242, 44.3876**, and if you desaturate by 10%, it is **201.9870, 13.3174, 21.9364**.

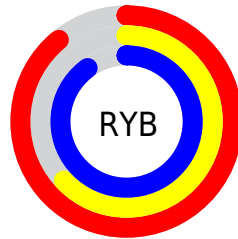
Distribution



Red (89%)

Green (63%)

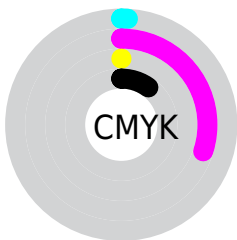
Blue (90%)



Red (89%)

Yellow (63%)

Blue (90%)

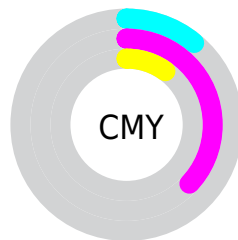


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (10%)



Cyan (11%)


Magenta (37%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.1870, 20.1208, 33.1620 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 188.1870, 20.1208, 33.1620 by changing the saturation by 10% instead.


 188.1870, 20.1208,
33.1620


 188.1870, 20.1208,
33.1620


255.0000, 0.0000,
0.0000


 160.7740, 19.8314,
32.6472


 232.6940, 10.9969,
19.5624


 133.9480, 19.2526,
31.6176

 249.1300, 2.8939,
5.1480

 108.2360, 19.1107,
30.4880

 83.1110, 18.6793,
28.8437

 58.6980, 18.3899,
28.3289

 32.6380, 19.4055,
29.2585

 18.4430, 15.0646,

21.5365

■ 6.4810, 10.6089,
3.9632

■ 0.0000, 0.0000,
0.0000

■ 188.1870, 20.1208,
33.1620

■ 188.1870, 20.1208,
33.1620

■ 174.3870, 26.9242,
44.3876

■ 201.9870, 13.3174,
21.9364

■ 160.5870, 33.7276,
55.6132

■ 215.7870, 6.5140,
10.7108

■ 146.7870, 40.5310,
66.8388

■ 229.5870, -0.2894,
-0.5148

■ 132.9870, 47.3344,
78.0644

■ 243.3870, -7.0928,
-11.7404

■ 119.7740, 53.8484,
88.7752

■ 244.8600, -7.8190,
-12.1552

■ 105.9740, 60.6518,
100.0008

■ 245.1590, -7.9664,
-11.5404

■ 92.1740, 67.4552,
111.2264

■ 245.4580, -8.1138,
-10.9257

■ 91.5870, 67.7446,
111.7412

■ 245.7570, -8.2612,
-10.3109

■ 246.0560, -8.4086,
-9.6961

Harmonies

Analogous

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



184.7180, 34.6490, -6.7687



188.1870, 20.1208, 33.1620



187.0580, 2.4364, 58.7081

Triad

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



188.1870, 20.1208, 33.1620



180.6270, -37.7771, 30.1451



143.6710, 35.1652, -125.9995

Complementary

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



188.1870, 20.1208, 33.1620



201.8130, -20.1208, -33.1620

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.



160.2260, 6.7906, -78.2512



188.1870, 20.1208, 33.1620



176.9820, -33.0221, -1.7382

Square

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



188.1870, 20.1208, 33.1620



182.9040, -31.0117, 53.5812



170.8880, -17.1998, -36.7358



144.8570, 49.8635, -127.0396

Rectangle

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



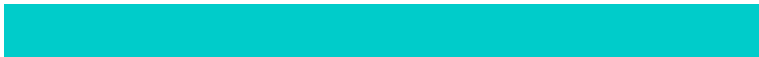
188.1870, 20.1208, 33.1620



184.2790, -9.5045, 62.0223



170.8880, -17.1998, -36.7358



142.7760, 29.1974, -125.2146

Sweetspot

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



188.1870, 20.1208, 33.1620



241.2000, 6.8034, 11.2256



170.5130, 28.8341, -8.3429



118.8960, 4.4883, 7.1072



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.



188.1870, 20.1208, 33.1620



199.8000, 27.2136, 44.9024



185.5500, 6.1378, 38.1056



107.6570, 3.6201, 5.5628



71.5350, 52.9802, 87.2308



20.4650, 15.0538, 25.0252

Inverse Universe

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



181.6740, -8.7133, 41.5049



190.9640, -11.8143, 56.1596



204.4500, -6.1379, -38.1057



106.7020, -1.3321, 7.2773



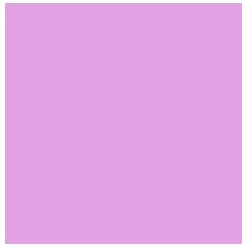
54.4330, -22.8915, 109.2453



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 188.1870, 20.1208, 33.1620 looks on a white background.

Color Contrast Check

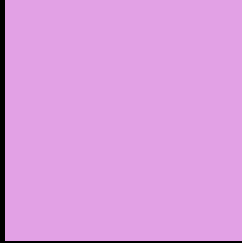
Large Text (above 18pt) WCAG AA × Fail

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 188.1870, 20.1208, 33.1620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

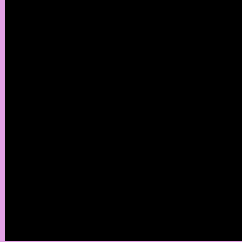
Any Text WCAG AA ✓ Pass

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 188.1870, 20.1208, 33.1620 Background



This preview shows how black text looks on a background with the YUV color 188.1870, 20.1208, 33.1620.

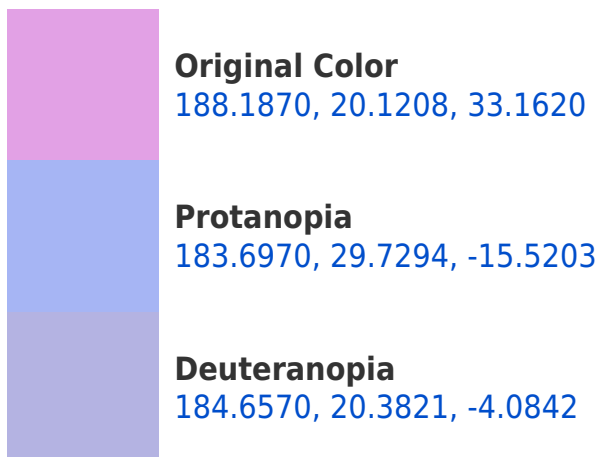


This preview shows how white text looks on a background with the YUV color 188.1870, 20.1208, 33.1620.

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





Tritanopia

186.4320, -1.6920, 29.4391

Trichromacy



Original Color

188.1870, 20.1208, 33.1620



Protanomaly

185.5960, 26.3282, 2.1083



Deuteranomaly

185.7450, 20.3387, 9.8706



Tritanomaly

187.2070, 6.3069, 30.5135

Monochromacy



Original Color

188.1870, 20.1208, 33.1620



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0260, 7.3822, 12.2552

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.1870, 20.1208, 33.1620 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(226, 161, 229)` looks like.

```
.text, #text, p{  
    color:rgb(226, 161, 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(226, 161, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 161, 229) }
```

Border

The CSS property to change the border of an element to YUV 188.1870, 20.1208, 33.1620 is called "border". The border property can be set on classes, ids or directly on the HTML element.

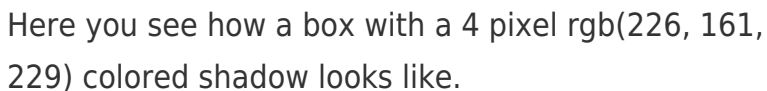
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 161, 229) }
```


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

```
.border{ border-color:rgb(226, 161, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 161, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 161, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 161, 229); box-shadow:4px 4px 4px 4px rgb(226, 161, 229) }
```

Background

The CSS property to change the background color of an element to YUV 188.1870, 20.1208, 33.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 161, 229) }
```

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

```
.background{ background-color: rgb(226,  
161, 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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