

Converting Colors

YUV(201.9890, 20.2184, 1.7636)

Have a look what the booklet for
YUV(201.9890, 20.2184, 1.7636)
contains.

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Color

**YUV(201.9890, 20.2184,
1.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC1F3
RGB	204, 193, 243
RGB Percent	80%, 76%, 95%
CMY	0.2000, 0.2431, 0.0471
CMYK	0.16, 0.21, 0.00, 0.05
HSL	253°, 68%, 85%
HSV	253°, 21%, 95%
XYZ	60.1495, 57.4484, 92.7124
YIQ	201.9890, -9.4940, 17.8820

Conversions

Conversions Part 2

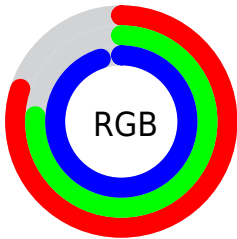
Format	Color
RYB	204, 193, 243
Decimal	13418995
CIELab	80.43, 13.62, -23.30
CIELCh	80, 26.993, 300.309
Yxy	57.4484, 0.2860, 0.2732
Android (android.graphics.Color)	4291609075 (0xFFCCC1F3)
YUV	201.9890, 20.2184, 1.7636
Hunter-Lab	75.7947, 9.0140, -19.4675

Details

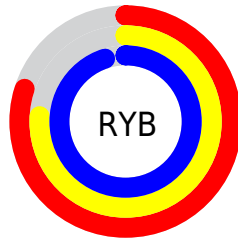
The YUV color **201.9890, 20.2184, 1.7636** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **234.0110, -20.2184, -1.7636**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4780, 1.7363, 3.0888**, and **147.4620, 19.4922, 1.3488** is the 20% darker color. If you saturate the color by 10%, you get **182.2200, 29.9645, 2.4381**, and if you desaturate by 10%, it is **221.7580, 10.4723, 1.0892**.

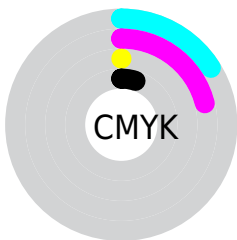
Distribution



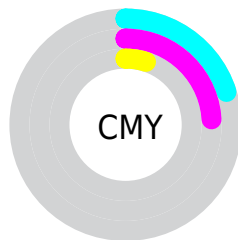
- Red (80%)
- Green (76%)
- Blue (95%)



- Red (80%)
- Yellow (76%)
- Blue (95%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.9890, 20.2184, 1.7636 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 201.9890, 20.2184, 1.7636 by changing the saturation by 10% instead.

■ 201.9890, 20.2184,
1.7636

■ 201.9890, 20.2184,
1.7636

■ 255.0000, 0.0000,
0.0000

■ 174.5760, 19.9290,
1.2488

■ 251.4780, 1.7363,
3.0888

■ 147.4620, 19.4922,
1.3488

■ 121.9350, 18.7660,
0.9340

■ 96.7070, 17.8924,
1.1340

■ 72.8810, 17.3137,
0.1044

■ 50.3540, 16.5875,
-0.3105

■ 28.4140, 15.5719,

-1.2401

■ 6.5390, 16.0033,
0.4043

■ 2.4110, 6.6994,
-2.1144

■ 201.9890, 20.2184,
1.7636

■ 201.9890, 20.2184,
1.7636

■ 182.2200, 29.9645,
2.4381

■ 221.7580, 10.4723,
1.0892

■ 161.8640, 40.0000,
3.6273

■ 242.1140, 0.4368,
-0.1000

■ 142.0950, 49.7462,
4.3017

■ 253.6320, -5.2416,
1.1997

■ 122.3260, 59.4923,
4.9761

■ 102.5570, 69.2384,
5.6505

■ 82.2010, 79.2739,
6.8397

■ 62.4320, 89.0200,
7.5141

■ 43.5490, 98.3293,
8.2885

Harmonies

Analogous

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



197.4910, 25.3939, -24.9866



201.9890, 20.2184, 1.7636



203.6130, 10.5438, 24.8954

Triad

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



201.9890, 20.2184, 1.7636



200.8890, -21.6373, 33.4233



189.2670, 4.7984, -45.8382

Complementary

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



201.9890, 20.2184, 1.7636



234.0110, -20.2184, -1.7636

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.



192.1310, -8.9386, -26.4249



201.9890, 20.2184, 1.7636



198.3940, -24.3512, 17.1945

Square

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



201.9890, 20.2184, 1.7636



202.1210, -13.3707, 41.9899



195.8150, -19.6288, -4.2228



188.2410, 17.6292, -54.5854

Rectangle

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



201.9890, 20.2184, 1.7636



203.9150, 2.5069, 36.0315



195.8150, -19.6288, -4.2228



189.7470, 0.1247, -40.1201

Sweetspot

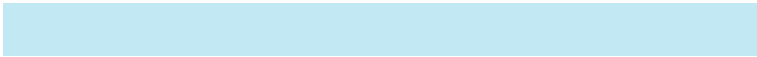
The Sweet Spot groups the original color and five complimentary colors.



201.9890, 20.2184, 1.7636



242.6070, 6.1097, 0.3447



221.5930, 10.5537, -25.0761



120.6240, 3.6364, 0.3298



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.



201.9890, 20.2184, 1.7636



202.4820, 25.8914, 2.2083



209.4640, 16.5332, 17.1331



112.2650, 4.7994, 0.6446



33.4630, 75.2007, 6.6099



10.6130, 23.8548, 2.0934

Inverse Universe

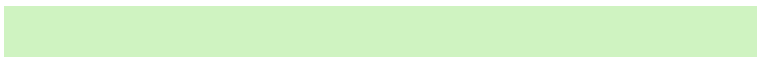
The Inverse Universe completely reimagines the original color for something new.



212.3960, 9.6648, 26.8397



215.8360, 12.4059, 34.3468



226.5360, -16.5332, -17.1331



114.7280, 2.5991, 6.3775



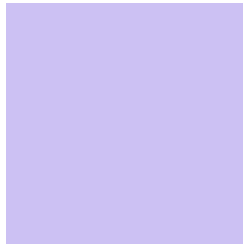
72.1440, 35.9180, 99.8517



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 201.9890, 20.2184, 1.7636 looks on a white background.

Color Contrast Check

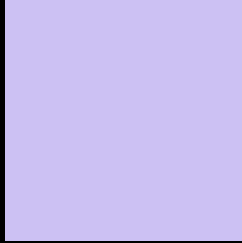
Large Text (above 18pt) WCAG AA × Fail

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 201.9890, 20.2184, 1.7636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

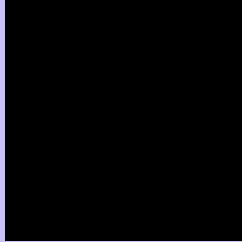
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.9890, 20.2184, 1.7636

Background



This preview shows how black text looks on a background with the YUV color 201.9890, 20.2184, 1.7636.



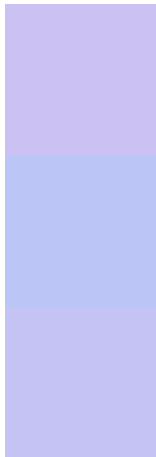
This preview shows how white text looks on a background with the YUV color 201.9890, 20.2184,

1.7636.

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

201.9890, 20.2184, 1.7636

Protanopia

200.4820, 22.4404, -10.9467

Deuteranopia

201.0700, 20.6715, -3.5694



Tritanopia

200.1230, 6.8414, -0.9849

Trichromacy



Original Color

201.9890, 20.2184, 1.7636

Protanomaly

200.9880, 21.6979, -6.1285

Deuteranomaly

201.3800, 20.5187, -1.2103

Tritanomaly

200.8010, 11.9301, 0.1745

Monochromacy



Original Color

201.9890, 20.2184, 1.7636

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.2480, 7.2727, 0.6595

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.9890, 20.2184, 1.7636 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(204, 193, 243)` looks like.

```
.text, #text, p{  
    color:rgb(204, 193, 243)  
}
```

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(204, 193, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 243) }
```

Border

The CSS property to change the border of an element to YUV 201.9890, 20.2184, 1.7636 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(204, 193, 243) }
```


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

```
.border{ border-color:rgb(204, 193, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 193, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 243);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 201.9890, 20.2184, 1.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 243) }
```

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

```
.background{ background-color: rgb(204,  
193, 243) }
```

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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