

Converting Colors

YUV(201.8220, -20.1252,
15.0651)

Have a look what the booklet for
YUV(201.8220, -20.1252, 15.0651)
contains.

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Color

**YUV(201.8220, -20.1252,
15.0651)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC9A1
RGB	219, 201, 161
RGB Percent	86%, 79%, 63%
CMY	0.1412, 0.2118, 0.3686
CMYK	0.00, 0.08, 0.26, 0.14
HSL	41°, 45%, 75%
HSV	41°, 26%, 86%
XYZ	56.5331, 59.4066, 42.2052
YIQ	201.8220, 23.5680, -8.6240

Conversions

Conversions Part 2

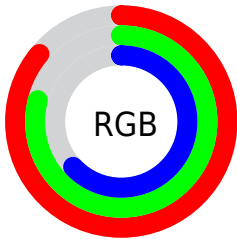
Format	Color
RYB	187, 219, 161
Decimal	14404001
CIELab	81.51, 0.17, 22.30
CIELCh	82, 22.304, 89.561
Yxy	59.4066, 0.3575, 0.3756
Android (android.graphics.Color)	4292594081 (0xFFDBC9A1)
YUV	201.8220, -20.1252, 15.0651
Hunter-Lab	77.0757, -3.9571, 21.4868

Details

The YUV color $201.8220, -20.1252, 15.0651$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $178.1780, 20.1252, -15.0651$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5540, -17.0351, 3.8991$, and $147.4520, -18.9568, 13.6356$ is the 20% darker color. If you saturate the color by 10%, you get $195.2050, -27.7091, 20.8682$, and if you desaturate by 10%, it is $208.4390, -12.5414, 9.2620$.

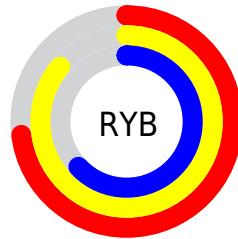
Distribution



Red (86%)

Green (79%)

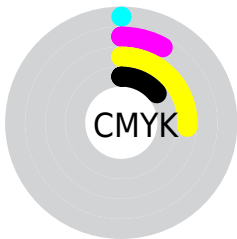
Blue (63%)



Red (73%)

Yellow (86%)

Blue (63%)

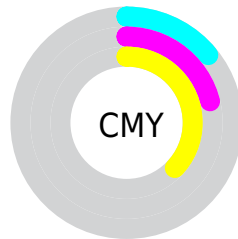


Cyan (0%)

Magenta (8%)

Yellow (26%)

Black (14%)



Cyan (14%)

Magenta (21%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.8220, -20.1252, 15.0651 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 201.8220, -20.1252, 15.0651 by changing the saturation by 10% instead.

■ 201.8220,
-20.1252, 15.0651

■ 201.8220,
-20.1252, 15.0651

255.0000, 0.0000,
0.0000

■ 174.6370,
-19.5410, 14.3504

■ 250.5540,
-17.0351, 3.8991

■ 147.4520,
-18.9568, 13.6356

■ 253.7460, -4.8048,
1.0998

■ 121.6800,
-18.0832, 13.4356

■ 97.0820, -17.7884,
12.2061

■ 73.0110, -16.7674,
11.3914

■ 50.2280, -15.8884,
9.4470

■ 29.5700, -14.5780,

9.1471

■ 5.6260, -2.7736,
2.9590

■ 0.0000, 0.0000,
0.0000

■ 201.8220,
-20.1252, 15.0651

■ 201.8220,
-20.1252, 15.0651

■ 195.2050,
-27.7091, 20.8682

■ 208.4390,
-12.5414, 9.2620

■ 188.5880,
-35.2929, 26.6713

■ 215.0560, -4.9576,
3.4589

■ 182.5580,
-43.1661, 31.9596

■ 221.0860, 2.9156,
-1.8294

■ 175.9410,
-50.7499, 37.7627

■ 227.7030, 10.4994,
-7.6325

■ 169.3240,
-58.3337, 43.5659

■ 232.4960, 11.0945,
-11.8360

■ 162.8210,
-65.4808, 49.2690

■ 236.6050, 9.0687,
-15.4396

■ 156.2040,
-73.0646, 55.0721

■ 240.7140, 7.0430,
-19.0432

■ 154.1180,
-75.9802, 56.9015

■ 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



203.7790, -18.1320, 29.1348



201.8220, -20.1252, 15.0651



199.6240, -16.5766, -3.1782

Triad

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



201.8220, -20.1252, 15.0651



194.2810, 13.6655, -43.2194



206.1240, 8.8129, 20.0623

Complementary

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



201.8220, -20.1252, 15.0651



178.1780, 20.1252, -15.0651

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.



204.4790, 17.0189, 1.3339



201.8220, -20.1252, 15.0651



196.7470, 20.3377, -36.6121

Square

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



201.8220, -20.1252, 15.0651



194.8660, 3.0241, -36.7165



200.7860, 21.3045, -19.9833



206.2690, -1.1186, 32.2131

Rectangle

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



201.8220, -20.1252, 15.0651



197.6270, -11.1551, -15.4589



200.7860, 21.3045, -19.9833



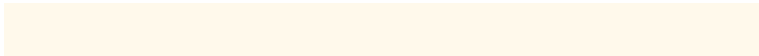
206.1880, 11.7393, 14.7441

Sweetspot

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



201.8220, -20.1252, 15.0651



249.1980, -6.9996, 5.0884



180.3940, -0.6872, 33.8575



124.1700, -4.5208, 3.3589



0.0000, 0.0000, 0.0000



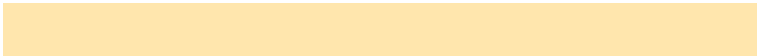
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



201.8220, -20.1252, 15.0651



230.9770, -28.5827, 21.0682



209.0990, -23.7128, -0.9638



106.3980, -3.6472, 3.1590



122.1670, -60.2283, 44.5805



32.5380, -16.0412, 11.8062

Inverse Universe

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



178.1780, 20.1252, -15.0651



197.6100, 28.2933, -21.5830



170.9010, 23.7128, 0.9638



102.0150, 3.9366, -2.6442



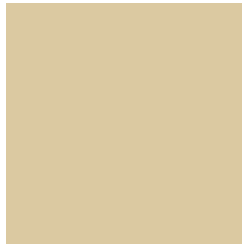
51.4200, 59.9389, -45.0953



13.4620, 16.0412, -11.8062

Previews

White Background



This preview shows how the YUV color 201.8220, -20.1252, 15.0651 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 201.8220, -20.1252, 15.0651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

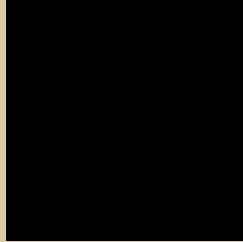
Any Text WCAG AA ✓ Pass

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 201.8220, -20.1252, 15.0651 Background



This preview shows how black text looks on a background with the YUV color 201.8220, -20.1252, 15.0651.

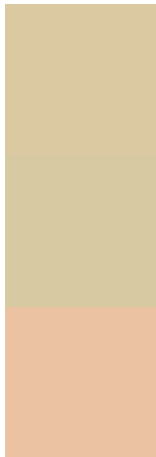


This preview shows how white text looks on a background with the YUV color 201.8220, -20.1252, 15.0651.

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

201.8220, -20.1252, 15.0651

Protanopia

201.3270, -19.3882, 11.9912

Deuteranopia

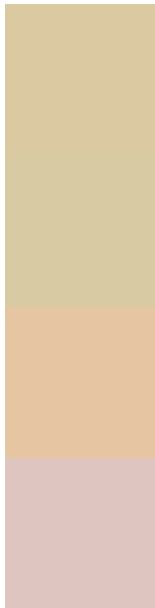
203.4970, -20.4580, 28.5051



Tritanopia

205.0930, 2.4192, 17.4584

Trichromacy



Original Color

201.8220, -20.1252, 15.0651

Protanomaly

201.6260, -19.5356, 12.6060

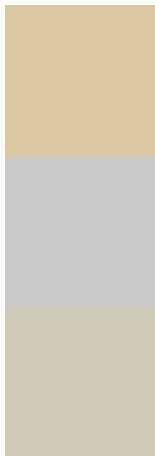
Deuteranomaly

202.8770, -20.1524, 23.7869

Tritanomaly

204.2040, -6.0166, 16.4841

Monochromacy



Original Color

201.8220, -20.1252, 15.0651

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.0840, -7.4364, 5.1883

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.8220, -20.1252, 15.0651 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(219, 201, 161)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 161)  
}
```

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(219, 201, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 161) }
```

Border

The CSS property to change the border of an element to YUV 201.8220, -20.1252, 15.0651 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(219, 201, 161) }
```


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

```
.border{ border-color:rgb(219, 201, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 161);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 201.8220, -20.1252, 15.0651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 161) }
```

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

```
.background{ background-color: rgb(219,  
201, 161) }
```

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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