

Converting Colors

YUV(201.8020, -16.6644,
-21.7514)

Have a look what the booklet for
YUV(201.8020, -16.6644, -21.7514)
contains.

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Color

**YUV(201.8020, -16.6644,
-21.7514)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DDA8
RGB	177, 221, 168
RGB Percent	69%, 87%, 66%
CMY	0.3059, 0.1333, 0.3412
CMYK	0.20, 0.00, 0.24, 0.13
HSL	110°, 44%, 76%
HSV	110°, 24%, 87%
XYZ	51.0558, 63.8872, 46.6863
YIQ	201.8020, -9.2110, -25.8110

Conversions

Conversions Part 2

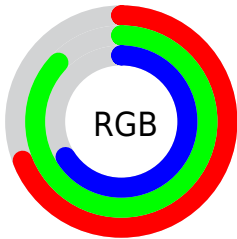
Format	Color
RYB	168, 221, 212
Decimal	11656616
CIELab	83.91, -24.19, 21.44
CIElCh	84, 32.320, 138.443
Yxy	63.8872, 0.3159, 0.3953
Android (android.graphics.Color)	4289846696 (0xFFB1DDA8)
YUV	201.8020, -16.6644, -21.7514
Hunter-Lab	79.9294, -25.8577, 21.3197

Details

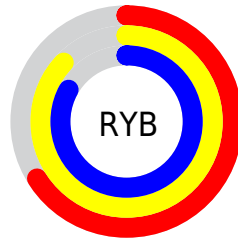
The YUV color **201.8020, -16.6644, -21.7514** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187.1980, 16.6644, 21.7514**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.7740, -10.7346, -10.3258**, and **147.7420, -15.6488, -20.8217** is the 20% darker color. If you saturate the color by 10%, you get **193.9120, -23.6206, -30.6178**, and if you desaturate by 10%, it is **209.6920, -9.7082, -12.8849**.

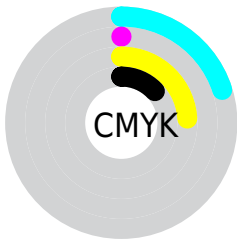
Distribution



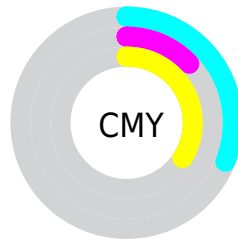
- Red (69%)
- Green (87%)
- Blue (66%)



- Red (66%)
- Yellow (87%)
- Blue (83%)



- Cyan (20%)
- Magenta (0%)
- Yellow (24%)
- Black (13%)



- Cyan (31%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.8020, -16.6644, -21.7514 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 201.8020, -16.6644, -21.7514 by changing the saturation by 10% instead.

■ 201.8020,
-16.6644, -21.7514

■ 201.8020,
-16.6644, -21.7514

255.0000, 0.0000,
0.0000

■ 174.2150,
-16.3750, -21.2366

■ 244.7740,
-10.7346, -10.3258

■ 147.7420,
-15.6488, -20.8217

■ 254.6580, -1.3104,
0.2999

■ 121.2690,
-14.9226, -20.4069

■ 96.3830, -14.4858,
-20.5069

■ 71.9100, -13.7596,
-20.0921

■ 48.2520, -12.4492,
-20.3920

■ 26.4370, -13.0334,

-19.6772

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 201.8020,
-16.6644, -21.7514

■ 201.8020,
-16.6644, -21.7514

■ 193.9120,
-23.6206, -30.6178

■ 209.6920, -9.7082,
-12.8849

■ 185.7230,
-30.4294, -40.0991

■ 217.8810, -2.8993,
-3.4036

■ 177.8330,
-37.3857, -48.9655

■ 225.7710, 4.0569,
5.4628

■ 169.9430,
-44.3419, -57.8320

■ 233.5470, 10.5763,
14.4293

■ 161.6400,
-51.5875, -67.2133

■ 235.0420, 9.8393,
17.5032

■ 153.7500,
-58.5437, -76.0798

■ 145.8600,
-65.5000, -84.9462

■ 141.0890,
-69.5569, -90.4091

Harmonies

Analogous

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



205.6330, -26.9341, 5.5839



201.8020, -16.6644, -21.7514



197.1760, -0.5798, -47.5124

Triad

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



201.8020, -16.6644, -21.7514



201.9080, 26.1744, -42.0153



207.7880, -8.2765, 41.4049

Complementary

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



201.8020, -16.6644, -21.7514



187.1980, 16.6644, 21.7514

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.



211.9090, 4.9749, 37.7908



201.8020, -16.6644, -21.7514



209.1940, 22.5824, -9.8171

Square

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



201.8020, -16.6644, -21.7514



196.0360, 28.5763, -65.8066



213.8280, 17.8328, 20.3218



208.3460, -21.3696, 40.9156

Rectangle

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



201.8020, -16.6644, -21.7514



194.4760, 11.1043, -61.8075



213.8280, 17.8328, 20.3218



209.0420, -3.4717, 40.3052

Sweetspot

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



201.8020, -16.6644, -21.7514



248.4630, -5.6513, -7.4221



209.0880, -20.2564, 10.4468



124.0550, -3.4781, -4.4332



0.0000, 0.0000, 0.0000



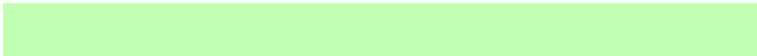
128.0000, 0.0000, 0.0000

Same Dimension

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



201.8020, -16.6644, -21.7514



228.3250, -23.3312, -30.1030



201.0490, -7.9122, -28.9840



106.0550, -3.4781, -4.4332



110.2220, -54.3394, -71.2317



29.3940, -14.4912, -18.7625

Inverse Universe

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



187.1980, 16.6644, 21.7514



207.6750, 23.3312, 30.1030



187.9510, 7.9122, 28.9840



102.9450, 3.4781, 4.4332



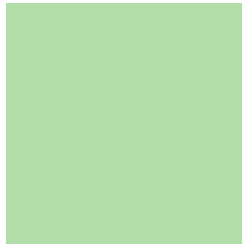
62.7780, 54.3394, 71.2317



16.6060, 14.4912, 18.7625

Previews

White Background



This preview shows how the YUV color 201.8020, -16.6644, -21.7514 looks on a white background.

Color Contrast Check

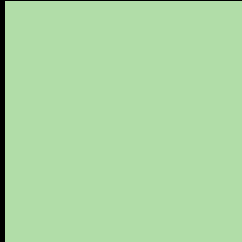
Large Text (above 18pt) WCAG AA × Fail

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 201.8020, -16.6644, -21.7514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

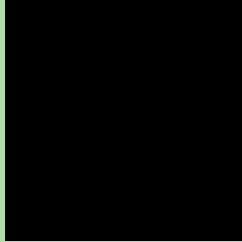
Any Text WCAG AA ✓ Pass

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 201.8020, -16.6644, -21.7514 Background



This preview shows how black text looks on a background with the YUV color 201.8020, -16.6644, -21.7514.



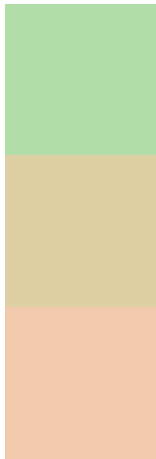
This preview shows how white text looks on a background with the YUV color 201.8020, -16.6644, -21.7514.

-21.7514.

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

201.8020, -16.6644, -21.7514

Protanopia

206.9420, -22.1564, 13.2059

Deuteranopia

209.6540, -18.5634, 27.4904



Tritanopia

207.1640, 11.2581, -17.6838

Trichromacy



Original Color

201.8020, -16.6644, -21.7514

Protanomaly

205.3210, -20.3713, 0.5955

Deuteranomaly

206.7720, -17.6356, 9.8470

Tritanomaly

205.1070, 0.9332, -19.3878

Monochromacy



Original Color

201.8020, -16.6644, -21.7514

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.0500, -5.9406, -7.9368

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.8020, -16.6644, -21.7514 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(177, 221, 168)` looks like.

```
.text, #text, p{  
    color:rgb(177, 221, 168)  
}
```

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(177, 221, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 221, 168) }
```

Border

The CSS property to change the border of an element to YUV 201.8020, -16.6644, -21.7514 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(177, 221, 168) }
```


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

```
.border{ border-color:rgb(177, 221, 168) }
```

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

Here you see how a box with a 4 pixel rgb(177, 221, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 221, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 221, 168);  
box-shadow:4px 4px 4px 4px rgb(177, 221,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 201.8020, -16.6644, -21.7514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 221, 168) }
```

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

```
.background{ background-color: rgb(177,  
221, 168) }
```

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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