

Converting Colors

YUV(201.2100, 18.1375,
-30.8792)

Have a look what the booklet for
YUV(201.2100, 18.1375, -30.8792)
contains.

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Color

**YUV(201.2100, 18.1375,
-30.8792)**

Conversions

Conversions Part 1

Format	Color
Hex	A6D4EE
RGB	166, 212, 238
RGB Percent	65%, 83%, 93%
CMY	0.3490, 0.1686, 0.0667
CMYK	0.30, 0.11, 0.00, 0.07
HSL	202°, 68%, 79%
HSV	202°, 30%, 93%
XYZ	54.7020, 61.3670, 89.8508
YIQ	201.2100, -35.7620, -1.6660

Conversions

Conversions Part 2

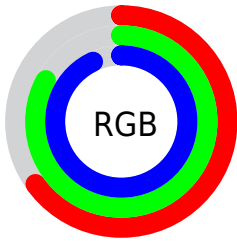
Format	Color
RYB	166, 194, 238
Decimal	10933486
CIELab	82.58, -8.99, -17.64
CIELCh	83, 19.796, 242.982
Yxy	61.3670, 0.2656, 0.2980
Android (android.graphics.Color)	4289123566 (0xFFA6D4EE)
YUV	201.2100, 18.1375, -30.8792
Hunter-Lab	78.3371, -12.4452, -13.1683

Details

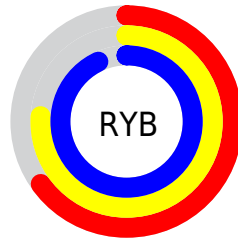
The YUV color $201.2100, 18.1375, -30.8792$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $202.7900, -18.1375, 30.8792$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.1330, 4.8644, -20.2876$, and $146.3950, 17.5533, -30.1644$ is the 20% darker color. If you saturate the color by 10%, you get $188.7510, 24.2798, -41.0006$, and if you desaturate by 10%, it is $213.6690, 11.9952, -20.7577$.

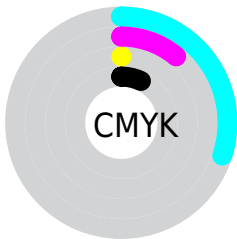
Distribution



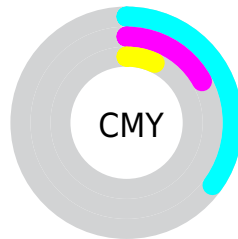
- Red (65%)
- Green (83%)
- Blue (93%)



- Red (65%)
- Yellow (76%)
- Blue (93%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (35%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.2100, 18.1375, -30.8792 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 201.2100, 18.1375, -30.8792 by changing the saturation by 10% instead.

■ 201.2100, 18.1375,
-30.8792

■ 201.2100, 18.1375,
-30.8792

255.0000, 0.0000,
0.0000

■ 173.5090, 17.9901,
-30.2644

■ 245.1330, 4.8644,
-20.2876

■ 146.3950, 17.5533,
-30.1644

■ 254.1030, 0.4422,
-1.8443

■ 120.2810, 17.1165,
-30.0644

■ 94.8680, 16.8271,
-30.5792

■ 69.5580, 16.9799,
-32.9384

■ 43.7530, 17.8698,
-38.3714

■ 28.2170, 14.1900,

-24.7463

■ 13.9690, 10.3683,
-12.2508

■ 1.3680, 5.2416,
-1.1997

■ 201.2100, 18.1375,
-30.8792

■ 201.2100, 18.1375,
-30.8792

■ 188.7510, 24.2798,
-41.0006

■ 213.6690, 11.9952,
-20.7577

■ 176.8790, 30.1327,
-51.6369

■ 225.5410, 6.1423,
-10.1215

■ 164.7190, 36.1275,
-61.1436

■ 237.7010, 0.1474,
-0.6148

■ 152.8470, 41.9804,
-71.7798

■ 247.7790, -4.8210,
6.3328

■ 140.3880, 48.1227,
-81.9013

■ 253.0620, -7.4256,
1.6996

■ 127.9290, 54.2650,
-92.0227

■ 116.3560, 59.9705,
-102.0442

Harmonies

Analogous

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



198.4990, 13.0650, -37.2716



201.2100, 18.1375, -30.8792



204.4230, 18.5255, -15.2800

Triad

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



201.2100, 18.1375, -30.8792



209.2040, -2.5656, 29.6391



202.8950, -14.2452, -4.2929

Complementary

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



201.2100, 18.1375, -30.8792



202.7900, -18.1375, 30.8792

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.



204.7830, -17.6410, 11.5913



201.2100, 18.1375, -30.8792



208.0380, -10.8647, 31.5387

Square

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



201.2100, 18.1375, -30.8792



209.2550, 6.7763, 19.9474



206.8000, -16.6634, 24.7314



200.5600, -6.1921, -20.6621

Rectangle

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



201.2100, 18.1375, -30.8792



206.6310, 16.4509, -3.1844



206.8000, -16.6634, 24.7314



203.4720, -16.0087, 1.3401

Sweetspot

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



201.2100, 18.1375, -30.8792



243.4270, 5.7055, -10.0215



211.1140, -9.9162, -39.5650



119.9930, 3.9475, -6.1329



0.0000, 0.0000, 0.0000



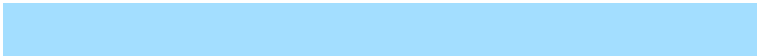
128.0000, 0.0000, 0.0000

Same Dimension

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



201.2100, 18.1375, -30.8792



208.1210, 23.1113, -39.5711



180.6650, 28.2662, -12.8612



114.0640, 2.9264, -5.3181



89.6550, 46.5121, -78.6274



27.5160, 14.0426, -24.1315

Inverse Universe

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



192.7720, 9.4794, 39.6650



197.2340, 12.2096, 50.6608



223.3350, -28.2662, 12.8612



112.5000, 1.7255, 6.5775



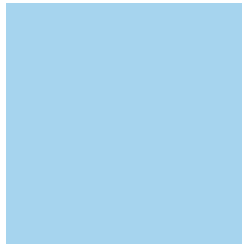
68.3540, 23.9825, 101.4215



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 201.2100, 18.1375, -30.8792 looks on a white background.

Color Contrast Check

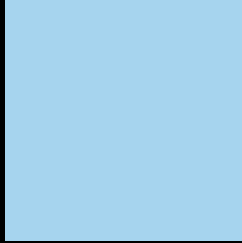
Large Text (above 18pt) WCAG AA × Fail

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 201.2100, 18.1375, -30.8792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

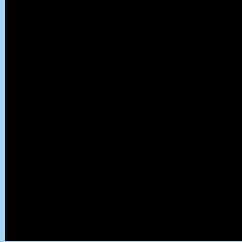
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.2100, 18.1375, -30.8792

Background



This preview shows how black text looks on a background with the YUV color 201.2100, 18.1375, -30.8792.



This preview shows how white text looks on a background with the YUV color 201.2100, 18.1375,

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

201.2100, 18.1375, -30.8792

Protanopia

205.4090, 13.1094, -4.7437

Deuteranopia

206.9520, 16.2927, 0.9191



Tritanopia

200.2870, 14.6485, -31.8237

Trichromacy



Original Color

201.2100, 18.1375, -30.8792

Protanomaly

203.8100, 14.8837, -13.8654

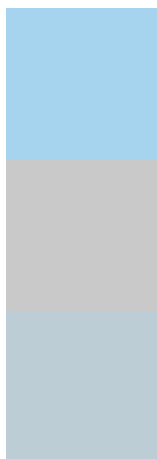
Deuteranomaly

204.7010, 16.9094, -10.2618

Tritanomaly

200.9280, 15.8115, -31.5089

Monochromacy



Original Color

201.2100, 18.1375, -30.8792

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.9430, 6.4371, -11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.2100, 18.1375, -30.8792 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(166, 212, 238)` looks like.

```
.text, #text, p{  
    color:rgb(166, 212, 238)  
}
```

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(166, 212, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 212, 238) }
```

Border

The CSS property to change the border of an element to YUV 201.2100, 18.1375, -30.8792 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(166, 212, 238) }
```


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

```
.border{ border-color:rgb(166, 212, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 212, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 212, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 212, 238);  
box-shadow:4px 4px 4px 4px rgb(166, 212,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 201.2100, 18.1375, -30.8792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 212, 238) }
```

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

```
.background{ background-color: rgb(166,  
212, 238) }
```

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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