

Converting Colors

YUV(201.5020, 21.9375,
-36.3973)

Have a look what the booklet for
YUV(201.5020, 21.9375, -36.3973)
contains.

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Color

**YUV(201.5020, 21.9375,
-36.3973)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D6F6
RGB	160, 214, 246
RGB Percent	63%, 84%, 96%
CMY	0.3725, 0.1608, 0.0353
CMYK	0.35, 0.13, 0.00, 0.04
HSL	202°, 83%, 80%
HSV	202°, 35%, 96%
XYZ	55.1783, 62.2205, 96.2903
YIQ	201.5020, -42.4560, -1.4960

Conversions

Conversions Part 2

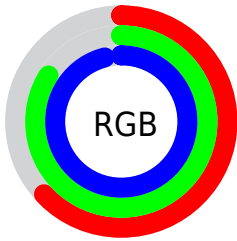
Format	Color
RYB	160, 193, 246
Decimal	10540790
CIELab	83.03, -9.75, -21.23
CIELCh	83, 23.361, 245.333
Yxy	62.2205, 0.2582, 0.2912
Android (android.graphics.Color)	4288730870 (0xFFA0D6F6)
YUV	201.5020, 21.9375, -36.3973
Hunter-Lab	78.8800, -13.1752, -17.1605

Details

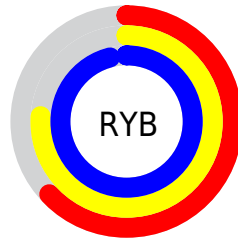
The YUV color $201.5020, 21.9375, -36.3973$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $204.4980, -21.9375, 36.3973$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.6380, 5.6015, -23.3615$, and $146.3880, 21.5007, -36.2973$ is the 20% darker color. If you saturate the color by 10%, you get $188.7440, 28.2272, -47.1335$, and if you desaturate by 10%, it is $214.2600, 15.6478, -25.6610$.

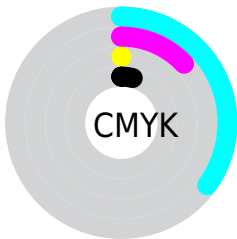
Distribution



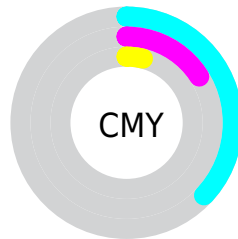
- Red (63%)
- Green (84%)
- Blue (96%)



- Red (63%)
- Yellow (76%)
- Blue (96%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (37%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.5020, 21.9375, -36.3973 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 201.5020, 21.9375, -36.3973 by changing the saturation by 10% instead.

■ 201.5020, 21.9375,
-36.3973

■ 201.5020, 21.9375,
-36.3973

255.0000, 0.0000,
0.0000

■ 173.3880, 21.5007,
-36.2973

■ 243.6380, 5.6015,
-23.3615

■ 146.3880, 21.5007,
-36.2973

■ 252.3090, 1.3267,
-5.5330

■ 119.9750, 21.2113,
-36.8121

■ 93.8500, 20.7800,
-38.4564

■ 67.0450, 21.6698,
-43.8895

■ 45.6110, 19.9118,
-40.0008

■ 30.0750, 16.2320,

-26.3758

■ 15.8270, 12.4103,
-13.8803

■ 2.8670, 8.4466,
-2.5144

■ 201.5020, 21.9375,
-36.3973

■ 201.5020, 21.9375,
-36.3973

■ 188.7440, 28.2272,
-47.1335

■ 214.2600, 15.6478,
-25.6610

■ 176.2850, 34.3695,
-57.2549

■ 226.7190, 9.5055,
-15.5396

■ 163.5270, 40.6592,
-67.9912

■ 239.4770, 3.2158,
-4.8033

■ 150.4810, 47.0909,
-77.5978

■ 251.6260, -2.7736,
2.9590

■ 137.7230, 53.3806,
-88.3341

■ 253.9740, -3.9312,
0.8998

■ 124.9650, 59.6703,
-99.0703

■ 118.4420, 62.8861,
-103.8736

Harmonies

Analogous

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



198.2530, 16.1443, -44.9489



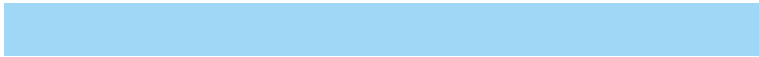
201.5020, 21.9375, -36.3973



205.6230, 21.8779, -17.2094

Triad

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



201.5020, 21.9375, -36.3973



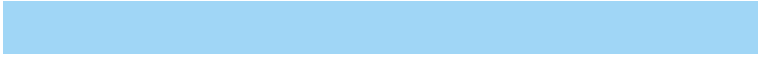
210.4220, -3.1660, 35.5869



202.8300, -15.6922, -6.8669

Complementary

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



201.5020, 21.9375, -36.3973



204.4980, -21.9375, 36.3973

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.



205.8710, -21.1354, 12.3911



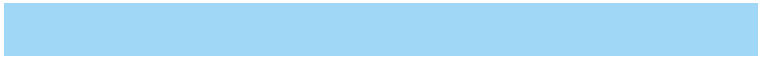
201.5020, 21.9375, -36.3973



209.0880, -13.3544, 36.7568

Square

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



201.5020, 21.9375, -36.3973



211.1030, 7.3442, 24.4657



207.7250, -19.5844, 28.3052



200.5270, -6.1758, -25.8952

Rectangle

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



201.5020, 21.9375, -36.3973



208.2120, 18.6295, -1.9399



207.7250, -19.5844, 28.3052



203.8910, -18.1873, 0.0956

Sweetspot

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



201.5020, 21.9375, -36.3973



242.2420, 6.2897, -10.7362



214.1300, -10.9101, -47.4720



119.6940, 4.0949, -6.7476



0.0000, 0.0000, 0.0000



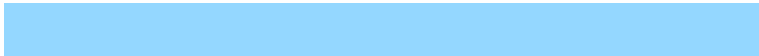
128.0000, 0.0000, 0.0000

Same Dimension

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



201.5020, 21.9375, -36.3973



199.5270, 27.3482, -45.1892



176.2610, 34.3813, -14.2609



116.0640, 2.9264, -5.3181



89.8830, 47.3857, -78.8274



28.4450, 15.0636, -24.9463

Inverse Universe

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



191.8700, 10.9101, 47.4720



187.6310, 13.4929, 59.0826



229.7390, -34.3813, 14.2609



114.5000, 1.7255, 6.5775



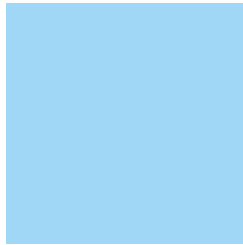
68.9520, 23.6877, 102.6511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 201.5020, 21.9375, -36.3973 looks on a white background.

Color Contrast Check

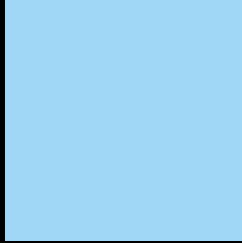
Large Text (above 18pt) WCAG AA × Fail

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 201.5020, 21.9375, -36.3973 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 201.5020, 21.9375, -36.3973

Background



This preview shows how black text looks on a background with the YUV color 201.5020, 21.9375, -36.3973.

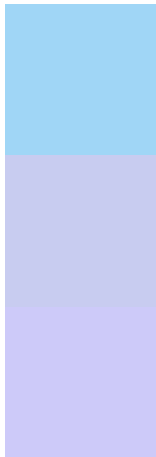


This preview shows how white text looks on a background with the YUV color 201.5020, 21.9375, -36.3973.

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

201.5020, 21.9375, -36.3973

Protanopia

206.9080, 16.3144, -6.0583

Deuteranopia

208.2550, 20.0873, -2.8546



Tritanopia

200.2970, 16.1226, -37.9715

Trichromacy



Original Color

201.5020, 21.9375, -36.3973

Protanomaly

204.9990, 18.2415, -17.5391

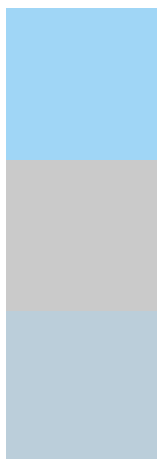
Deuteranomaly

205.7050, 20.8514, -14.6503

Tritanomaly

200.5790, 18.4486, -37.3418

Monochromacy



Original Color

201.5020, 21.9375, -36.3973

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.6870, 8.0423, -12.8805

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.5020, 21.9375, -36.3973 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(160, 214, 246)` looks like.

```
.text, #text, p{  
    color:rgb(160, 214, 246)  
}
```

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(160, 214, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 214, 246) }
```

Border

The CSS property to change the border of an element to YUV 201.5020, 21.9375, -36.3973 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(160, 214, 246) }
```


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

```
.border{ border-color:rgb(160, 214, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 214, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 214, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 214, 246);  
box-shadow:4px 4px 4px 4px rgb(160, 214,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 201.5020, 21.9375, -36.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 214, 246) }
```

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

```
.background{ background-color: rgb(160,  
214, 246) }
```

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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