

Converting Colors

YUV(203.9970, 21.2005,
-33.3234)

Have a look what the booklet for
YUV(203.9970, 21.2005, -33.3234)
contains.

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Color

**YUV(203.9970, 21.2005,
-33.3234)**

Conversions

Conversions Part 1

Format	Color
Hex	A6D7F7
RGB	166, 215, 247
RGB Percent	65%, 84%, 97%
CMY	0.3490, 0.1569, 0.0314
CMYK	0.33, 0.13, 0.00, 0.03
HSL	204°, 84%, 81%
HSV	204°, 33%, 97%
XYZ	56.8148, 63.4233, 97.2431
YIQ	203.9970, -39.4760, -0.4360

Conversions

Conversions Part 2

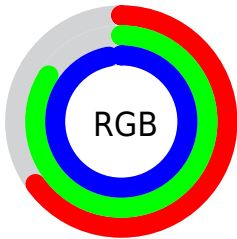
Format	Color
RYB	166, 197, 247
Decimal	10934263
CIELab	83.66, -8.40, -20.77
CIELCh	84, 22.402, 247.980
Yxy	63.4233, 0.2612, 0.2916
Android (android.graphics.Color)	4289124343 (0xFFA6D7F7)
YUV	203.9970, 21.2005, -33.3234
Hunter-Lab	79.6387, -12.0246, -16.6491

Details

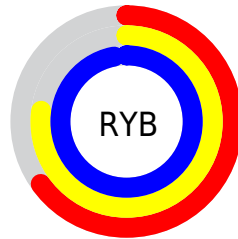
The YUV color **203.9970, 21.2005, -33.3234** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **209.0030, -21.2005, 33.3234**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4320, 4.7170, -19.6729**, and **148.8830, 20.7637, -33.2234** is the 20% darker color. If you saturate the color by 10%, you get **190.6520, 27.7796, -43.5448**, and if you desaturate by 10%, it is **217.3420, 14.6214, -23.1019**.

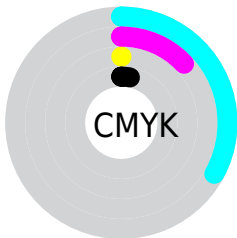
Distribution



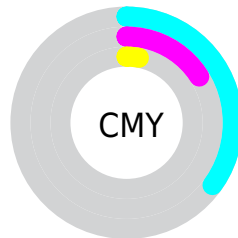
- Red (65%)
- Green (84%)
- Blue (97%)



- Red (65%)
- Yellow (77%)
- Blue (97%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.9970, 21.2005, -33.3234 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 203.9970, 21.2005, -33.3234 by changing the saturation by 10% instead.

■ 203.9970, 21.2005,
-33.3234

■ 203.9970, 21.2005,
-33.3234

255.0000, 0.0000,
0.0000

■ 175.8830, 20.7637,
-33.2234

■ 245.4320, 4.7170,
-19.6729

■ 148.8830, 20.7637,
-33.2234

■ 254.1030, 0.4422,
-1.8443

■ 122.6550, 19.8901,
-33.0234

■ 96.9430, 19.7481,
-34.1530

■ 71.3340, 20.0483,
-37.1269

■ 45.7250, 20.3486,
-40.1008

■ 30.7760, 16.3794,

-26.9906

■ 16.5280, 12.5577,
-14.4951

■ 2.9810, 8.8834,
-2.6143

■ 203.9970, 21.2005,
-33.3234

■ 203.9970, 21.2005,
-33.3234

■ 190.6520, 27.7796,
-43.5448

■ 217.3420, 14.6214,
-23.1019

■ 177.6060, 34.2112,
-53.1515

■ 230.3880, 8.1897,
-13.4953

■ 164.8480, 40.5009,
-63.8877

■ 243.1460, 1.9000,
-2.7590

■ 151.5030, 47.0800,
-74.1091

■ 253.5010, -3.2050,
1.3146

■ 138.4570, 53.5117,
-83.7158

■ 254.0880, -3.4944,
0.7998

■ 125.1120, 60.0908,
-93.9372

■ 115.6210, 64.7698,
-101.3996

Harmonies

Analogous

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



200.6770, 16.4282, -42.6897



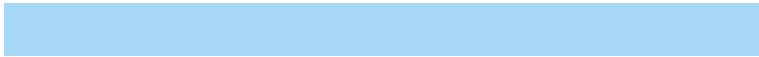
203.9970, 21.2005, -33.3234



208.0040, 20.7040, -14.0355

Triad

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



203.9970, 21.2005, -33.3234



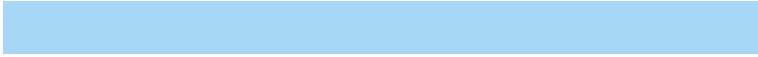
212.4820, -4.1816, 34.6573



204.4600, -14.5238, -8.2964

Complementary

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



203.9970, 21.2005, -33.3234



209.0030, -21.2005, 33.3234

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.



207.2020, -19.8196, 10.3468



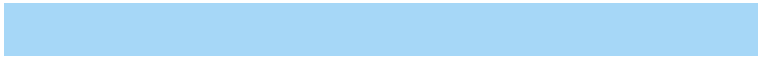
203.9970, 21.2005, -33.3234



211.0770, -13.3490, 35.0125

Square

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



203.9970, 21.2005, -33.3234



212.7610, 6.0338, 24.7656



209.4150, -19.4316, 25.9460



201.8690, -4.8654, -26.1951

Rectangle

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



203.9970, 21.2005, -33.3234



210.8810, 17.3137, 0.1044



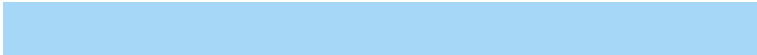
209.4150, -19.4316, 25.9460



205.2220, -16.8714, -1.9487

Sweetspot

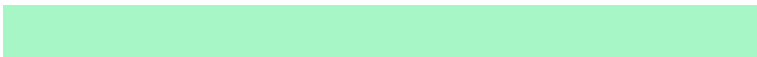
The Sweet Spot groups the original color and five complimentary colors.



203.9970, 21.2005, -33.3234



241.6550, 6.5791, -10.2214



217.0810, -9.8999, -44.7980



119.1070, 4.3842, -6.2328



0.0000, 0.0000, 0.0000



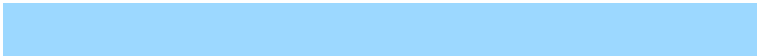
128.0000, 0.0000, 0.0000

Same Dimension

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



203.9970, 21.2005, -33.3234



202.5060, 25.8795, -40.7858



180.5170, 32.7761, -12.7314



116.0640, 2.9264, -5.3181



87.5350, 48.5432, -76.7682



27.2710, 15.6424, -23.9167

Inverse Universe

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



195.8050, 9.4631, 44.8980



192.4410, 11.6146, 54.8642



232.4830, -32.7761, 12.7314



114.5000, 1.7255, 6.5775



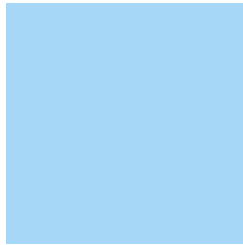
68.4960, 21.9405, 103.0510



21.6310, 6.5909, 32.7726

Previews

White Background



This preview shows how the YUV color 203.9970, 21.2005, -33.3234 looks on a white background.

Color Contrast Check

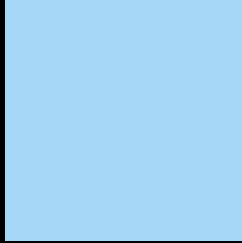
Large Text (above 18pt) WCAG AA × Fail

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 203.9970, 21.2005, -33.3234 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

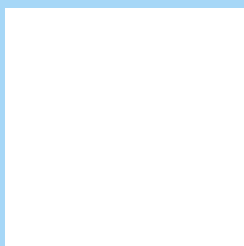
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.9970, 21.2005, -33.3234

Background



This preview shows how black text looks on a background with the YUV color 203.9970, 21.2005, -33.3234.



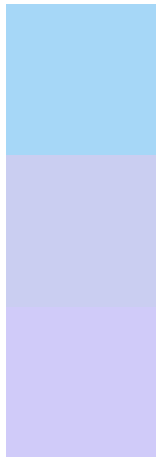
This preview shows how white text looks on a background with the YUV color 203.9970, 21.2005, -33.3234.

-33.3234.

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

203.9970, 21.2005, -33.3234

Protanopia

208.7940, 15.8776, -5.9583

Deuteranopia

209.7390, 19.3557, -1.5251



Tritanopia

202.7920, 15.3855, -34.8976

Trichromacy



Original Color

203.9970, 21.2005, -33.3234

Protanomaly

206.8960, 17.7993, -15.6948

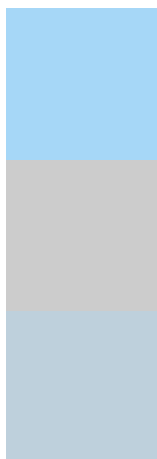
Deuteranomaly

207.4880, 19.9724, -12.7060

Tritanomaly

203.0740, 17.7115, -34.2679

Monochromacy



Original Color

203.9970, 21.2005, -33.3234

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9860, 7.8949, -12.2657

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.9970, 21.2005, -33.3234 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, 215, 247)` looks like.

```
.text, #text, p{  
    color:rgb(166, 215, 247)  
}
```

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, 215, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 215, 247) }
```

Border

The CSS property to change the border of an element to YUV 203.9970, 21.2005, -33.3234 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, 215, 247) }
```


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

```
.border{ border-color:rgb(166, 215, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 215, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 215, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 215, 247);  
box-shadow:4px 4px 4px 4px rgb(166, 215,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 203.9970, 21.2005, -33.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 215, 247) }
```

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

```
.background{ background-color: rgb(166,  
215, 247) }
```

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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