

Converting Colors

YUV(201.8560, 21.7630,
-27.0607)

Have a look what the booklet for
YUV(201.8560, 21.7630, -27.0607)
contains.

YUV(201.8560, 21.7630, -27.0607)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(201.8560, 21.7630,
-27.0607)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD1F6
RGB	171, 209, 246
RGB Percent	67%, 82%, 96%
CMY	0.3294, 0.1804, 0.0353
CMYK	0.30, 0.15, 0.00, 0.04
HSL	210°, 81%, 82%
HSV	210°, 30%, 96%
XYZ	56.2296, 60.9127, 95.9825
YIQ	201.8560, -34.5250, 3.4510

Conversions

Conversions Part 2

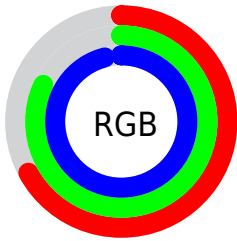
Format	Color
R _Y B	171, 196, 246
Decimal	11260406
CIE Lab	82.33, -4.11, -22.23
CIE LCh	82, 22.605, 259.537
Yxy	60.9127, 0.2638, 0.2858
Android (android.graphics.Color)	4289450486 (0xFFABD1F6)
YUV	201.8560, 21.7630, -27.0607
Hunter-Lab	78.0466, -7.9790, -18.2829

Details

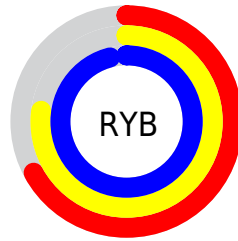
The YUV color $201.8560, 21.7630, -27.0607$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $215.1440, -21.7630, 27.0607$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9270, 3.9800, -16.5990$, and $147.6280, 20.8894, -26.8608$ is the 20% darker color. If you saturate the color by 10%, you get $187.3370, 28.9209, -36.2525$, and if you desaturate by 10%, it is $216.3750, 14.6051, -17.8689$.

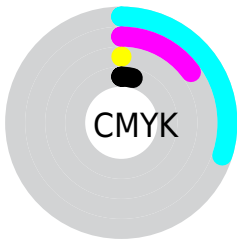
Distribution



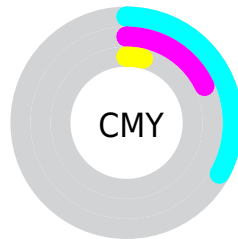
- Red (67%)
- Green (82%)
- Blue (96%)



- Red (67%)
- Yellow (77%)
- Blue (96%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (33%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.8560, 21.7630, -27.0607 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 201.8560, 21.7630, -27.0607 by changing the saturation by 10% instead.

■ 201.8560, 21.7630,
-27.0607

■ 201.8560, 21.7630,
-27.0607

255.0000, 0.0000,
0.0000

■ 174.0410, 21.1788,
-26.3460

■ 246.9270, 3.9800,
-16.5990

■ 147.6280, 20.8894,
-26.8608

■ 121.2150, 20.6000,
-27.3756

■ 95.6880, 19.8738,
-27.7904

■ 70.6770, 19.8792,
-29.5347

■ 44.1600, 20.6271,
-36.0973

■ 28.3140, 17.1002,

-24.8314

■ 12.8920, 13.8572,
-11.3063

■ 2.7530, 8.0098,
-2.4144

■ 201.8560, 21.7630,
-27.0607

■ 201.8560, 21.7630,
-27.0607

■ 187.3370, 28.9209,
-36.2525

■ 216.3750, 14.6051,
-17.8689

■ 173.1170, 35.9313,
-44.8296

■ 230.5950, 7.5947,
-9.2918

■ 158.5980, 43.0892,
-54.0214

■ 245.1140, 0.4368,
-0.1000

■ 143.7910, 50.3890,
-62.0837

■ 253.9740, -3.9312,
0.8998

■ 129.2720, 57.5469,
-71.2755

■ 114.7530, 64.7048,
-80.4674

■ 101.4190, 71.2784,
-88.9445

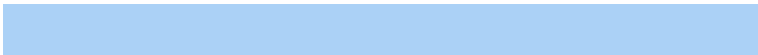
Harmonies

Analogous

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



197.6710, 18.8962, -40.9305



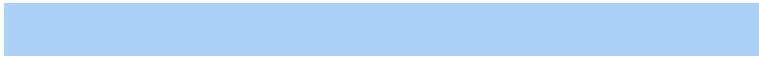
201.8560, 21.7630, -27.0607



206.0050, 19.2245, -6.1434

Triad

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



201.8560, 21.7630, -27.0607



207.8690, -7.8234, 36.0719



199.6270, -11.1551, -15.4589

Complementary

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



201.8560, 21.7630, -27.0607



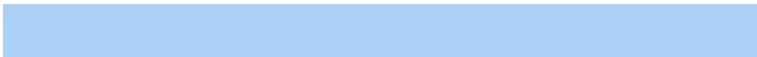
215.1440, -21.7630, 27.0607

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.



202.5000, -18.4875, 3.0695



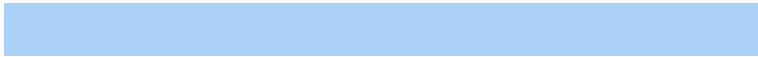
201.8560, 21.7630, -27.0607



206.5560, -16.5431, 32.8384

Square

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



201.8560, 21.7630, -27.0607



209.0560, 1.9444, 29.7689



204.8550, -20.1415, 20.2982



197.5630, -0.7706, -32.9428

Rectangle

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



201.8560, 21.7630, -27.0607



207.6540, 14.9606, 8.1964



204.8550, -20.1415, 20.2982



200.8620, -14.2290, -9.5260

Sweetspot

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



201.8560, 21.7630, -27.0607



241.6660, 6.5737, -8.4771



219.1290, -5.9796, -42.2091



119.4060, 4.2368, -5.6181



0.0000, 0.0000, 0.0000



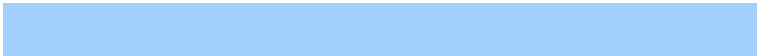
128.0000, 0.0000, 0.0000

Same Dimension

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



201.8560, 21.7630, -27.0607



199.3050, 27.4576, -33.5935



180.1370, 32.4705, -8.0131



114.8900, 3.5052, -4.2885



76.3820, 54.0417, -66.9870



24.3360, 17.0894, -21.3427

Inverse Universe

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



197.7570, 5.5428, 42.3091



194.4640, 6.6732, 53.0901



236.8630, -32.4705, 8.0131



114.2720, 0.8519, 6.7775



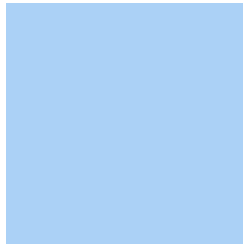
66.3300, 13.6413, 104.9506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 201.8560, 21.7630, -27.0607 looks on a white background.

Color Contrast Check

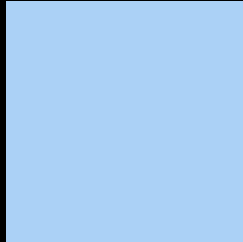
Large Text (above 18pt) WCAG AA × Fail

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 201.8560, 21.7630, -27.0607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

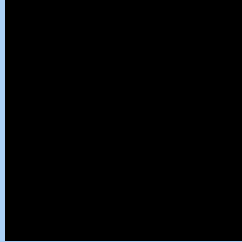
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

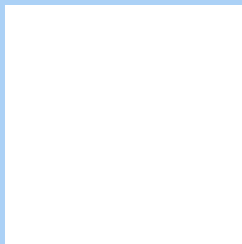
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 201.8560, 21.7630, -27.0607

Background



This preview shows how black text looks on a background with the YUV color 201.8560, 21.7630, -27.0607.



This preview shows how white text looks on a background with the YUV color 201.8560, 21.7630, -27.0607.

-27.0607.

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

201.8560, 21.7630, -27.0607

Protanopia

205.3530, 18.0670, -8.2026

Deuteranopia

206.0700, 20.6715, -3.5694



Tritanopia

200.4830, 14.0589, -29.3646

Trichromacy



Original Color

201.8560, 21.7630, -27.0607

Protanomaly

203.9500, 19.2517, -14.8651

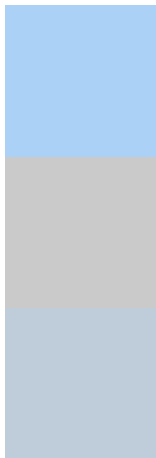
Deuteranomaly

204.4280, 20.9880, -11.7764

Tritanomaly

200.8790, 16.8217, -28.8349

Monochromacy



Original Color

201.8560, 21.7630, -27.0607

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.2960, 7.7421, -9.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.8560, 21.7630, -27.0607 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(171, 209, 246)` looks like.

```
.text, #text, p{  
    color:rgb(171, 209, 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(171, 209, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 209, 246) }
```

Border

The CSS property to change the border of an element to YUV 201.8560, 21.7630, -27.0607 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(171, 209, 246) }
```


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

```
.border{ border-color:rgb(171, 209, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 209, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 209, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 209, 246);  
box-shadow:4px 4px 4px 4px rgb(171, 209,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 201.8560, 21.7630, -27.0607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 209, 246) }
```

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

```
.background{ background-color: rgb(171,  
209, 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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