

Converting Colors

YUV(202.8020, 20.3106,
-27.8904)

Have a look what the booklet for
YUV(202.8020, 20.3106, -27.8904)
contains.

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Color

**YUV(202.8020, 20.3106,
-27.8904)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD3F4
RGB	171, 211, 244
RGB Percent	67%, 83%, 96%
CMY	0.3294, 0.1725, 0.0431
CMYK	0.30, 0.14, 0.00, 0.04
HSL	207°, 77%, 81%
HSV	207°, 30%, 96%
XYZ	56.4180, 61.7781, 94.5388
YIQ	202.8020, -34.4330, 1.7830

Conversions

Conversions Part 2

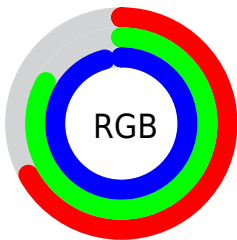
Format	Color
R _Y B	171, 197, 244
Decimal	11260916
CIE Lab	82.80, -5.63, -20.46
CIE LCh	83, 21.226, 254.605
Yxy	61.7781, 0.2652, 0.2904
Android (android.graphics.Color)	4289450996 (0xFFABD3F4)
YUV	202.8020, 20.3106, -27.8904
Hunter-Lab	78.5991, -9.4220, -16.2945

Details

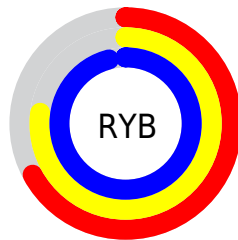
The YUV color $202.8020, 20.3106, -27.8904$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $212.1980, -20.3106, 27.8904$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9270, 3.9800, -16.5990$, and $148.5740, 19.4370, -27.6904$ is the 20% darker color. If you saturate the color by 10%, you get $189.1690, 27.0317, -36.9822$, and if you desaturate by 10%, it is $216.4350, 13.5895, -18.7985$.

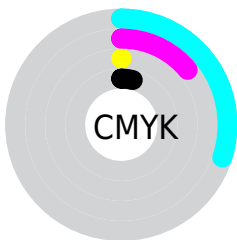
Distribution



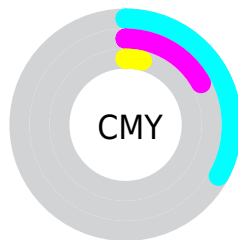
- Red (67%)
- Green (83%)
- Blue (96%)



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



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (33%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.8020, 20.3106, -27.8904 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 202.8020, 20.3106, -27.8904 by changing the saturation by 10% instead.

■ 202.8020, 20.3106,
-27.8904

■ 202.8020, 20.3106,
-27.8904

255.0000, 0.0000,
0.0000

■ 175.1010, 20.1632,
-27.2756

■ 246.9270, 3.9800,
-16.5990

■ 148.5740, 19.4370,
-27.6904

■ 122.1610, 19.1476,
-28.2052

■ 96.0470, 18.7108,
-28.1052

■ 71.3350, 18.5688,
-29.2348

■ 44.9320, 19.7535,
-35.8974

■ 28.6730, 15.9372,

-25.1462

■ 13.8380, 12.4049,
-12.1359

■ 2.6390, 7.5730,
-2.3144

■ 202.8020, 20.3106,
-27.8904

■ 202.8020, 20.3106,
-27.8904

■ 189.1690, 27.0317,
-36.9822

■ 216.4350, 13.5895,
-18.7985

■ 175.2370, 33.9002,
-46.6888

■ 230.3670, 6.7211,
-9.0919

■ 161.6040, 40.6212,
-55.7807

■ 244.0000, 0.0000,
0.0000

■ 147.6720, 47.4897,
-65.4873

■ 253.7460, -4.8048,
1.0998

■ 134.0390, 54.2108,
-74.5792

■ 120.4060, 60.9318,
-83.6711

■ 106.4740, 67.8003,
-93.3777

Harmonies

Analogous

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



199.6990, 16.4174, -39.2010



202.8020, 20.3106, -27.8904



206.7550, 18.3618, -9.4321

Triad

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



202.8020, 20.3106, -27.8904



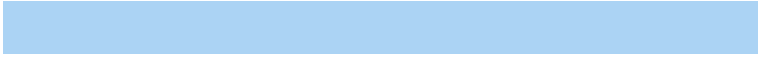
209.3140, -6.0708, 33.9276



201.7200, -12.1870, -11.1554

Complementary

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



202.8020, 20.3106, -27.8904



212.1980, -20.3106, 27.8904

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.



204.3370, -17.9141, 5.8435



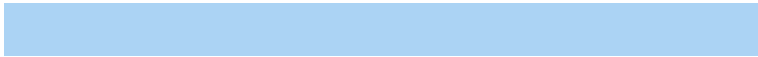
202.8020, 20.3106, -27.8904



207.8270, -14.2117, 31.7237

Square

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



202.8020, 20.3106, -27.8904



209.7890, 3.5550, 26.4950



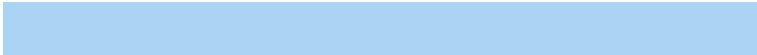
206.2080, -18.8365, 21.7426



199.5420, -2.2392, -28.5393

Rectangle

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



202.8020, 20.3106, -27.8904



208.6320, 14.9714, 4.7077



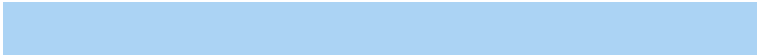
206.2080, -18.8365, 21.7426



202.7700, -14.6766, -5.9373

Sweetspot

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



202.8020, 20.3106, -27.8904



242.2530, 6.2843, -8.9919



217.6130, -6.7112, -40.8796



119.4060, 4.2368, -5.6181



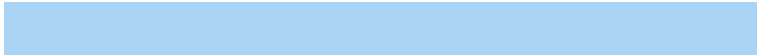
0.0000, 0.0000, 0.0000



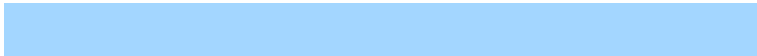
128.0000, 0.0000, 0.0000

Same Dimension

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



202.8020, 20.3106, -27.8904



203.4250, 25.4265, -35.4527



181.6700, 30.7287, -9.3576



115.4770, 3.2158, -4.8033



81.0780, 51.7265, -71.1054



25.5100, 16.5106, -22.3723

Inverse Universe

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



197.3870, 6.7112, 40.8796



196.3220, 8.7153, 51.4606



233.3300, -30.7287, 9.3576



114.3860, 1.2887, 6.6775



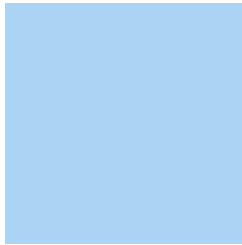
67.2420, 17.1357, 104.1508



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 202.8020, 20.3106, -27.8904 looks on a white background.

Color Contrast Check

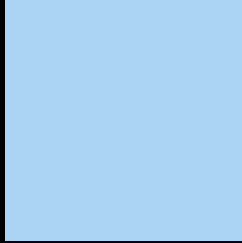
Large Text (above 18pt) WCAG AA × Fail

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 202.8020, 20.3106, -27.8904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

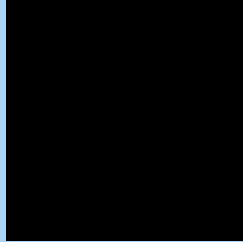
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

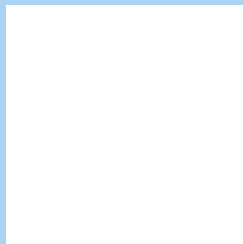
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 202.8020, 20.3106, -27.8904

Background



This preview shows how black text looks on a background with the YUV color 202.8020, 20.3106, -27.8904.



This preview shows how white text looks on a background with the YUV color 202.8020, 20.3106, -27.8904.

-27.8904.

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

202.8020, 20.3106, -27.8904

Protanopia

206.4950, 16.0250, -6.5731

Deuteranopia

207.6250, 18.9189, -1.4251



Tritanopia

201.4830, 14.0589, -29.3646

Trichromacy



Original Color

202.8020, 20.3106, -27.8904

Protanomaly

205.4940, 17.5045, -14.4652

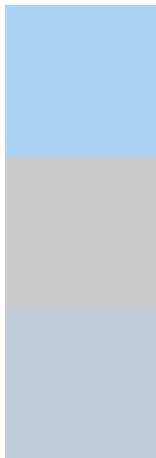
Deuteranomaly

205.9720, 19.2408, -11.3764

Tritanomaly

201.7650, 16.3849, -28.7349

Monochromacy



Original Color

202.8020, 20.3106, -27.8904

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.8830, 7.4527, -10.4214

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.8020, 20.3106, -27.8904 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, 211, 244)` looks like.

```
.text, #text, p{  
    color:rgb(171, 211, 244)  
}
```

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, 211, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 211, 244) }
```

Border

The CSS property to change the border of an element to YUV 202.8020, 20.3106, -27.8904 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, 211, 244) }
```


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

```
.border{ border-color:rgb(171, 211, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 211, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 211, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 211, 244);  
box-shadow:4px 4px 4px 4px rgb(171, 211,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 202.8020, 20.3106, -27.8904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 211, 244) }
```

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

```
.background{ background-color: rgb(171,  
211, 244) }
```

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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