

Converting Colors

YUV(206.0130, 20.2066,
-41.2304)

Have a look what the booklet for
YUV(206.0130, 20.2066, -41.2304)
contains.

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Color

**YUV(206.0130, 20.2066,
-41.2304)**

Conversions

Conversions Part 1

Format	Color
Hex	9FDEF7
RGB	159, 222, 247
RGB Percent	62%, 87%, 97%
CMY	0.3765, 0.1294, 0.0314
CMYK	0.36, 0.10, 0.00, 0.03
HSL	197°, 85%, 80%
HSV	197°, 36%, 97%
XYZ	57.2079, 66.3289, 97.7833
YIQ	206.0130, -45.5730, -5.5810

Conversions

Conversions Part 2

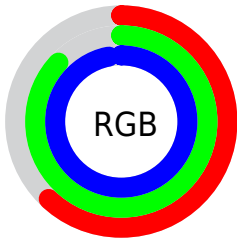
Format	Color
R_{YB}	159, 196, 247
Decimal	10477303
CIE _{Lab}	85.16, -13.89, -18.54
CIE _{LCh}	85, 23.166, 233.152
Yxy	66.3289, 0.2585, 0.2997
Android (android.graphics.Color)	4288667383 (0xFF9FDEF7)
YUV	206.0130, 20.2066, -41.2304
Hunter-Lab	81.4425, -17.1403, -14.1762

Details

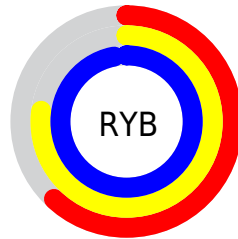
The YUV color $206.0130, 20.2066, -41.2304$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $199.9870, -20.2066, 41.2304$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.3390, 5.7489, -23.9763$, and $150.8990, 19.7698, -41.1304$ is the 20% darker color. If you saturate the color by 10%, you get $194.4290, 25.9175, -52.9962$, and if you desaturate by 10%, it is $217.5970, 14.4957, -29.4646$.

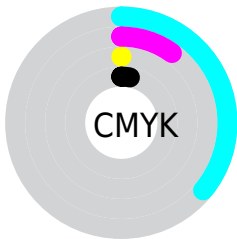
Distribution



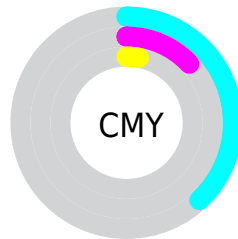
- Red (62%)
- Green (87%)
- Blue (97%)



- Red (62%)
- Yellow (77%)
- Blue (97%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (38%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.0130, 20.2066, -41.2304 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 206.0130, 20.2066, -41.2304 by changing the saturation by 10% instead.

■ 206.0130, 20.2066,
-41.2304

■ 206.0130, 20.2066,
-41.2304

255.0000, 0.0000,
0.0000

■ 177.8990, 19.7698,
-41.1304

■ 243.3390, 5.7489,
-23.9763

■ 150.8990, 19.7698,
-41.1304

■ 252.0100, 1.4741,
-6.1478

■ 123.6000, 19.9172,
-41.7452

■ 97.4750, 19.4858,
-43.3896

■ 68.5880, 21.4021,
-51.3817

■ 49.2470, 18.6122,
-43.1896

■ 33.1240, 15.2219,

-29.0497

■ 19.4630, 11.1107,
-17.0691

■ 2.9810, 8.8834,
-2.6143

■ 206.0130, 20.2066,
-41.2304

■ 206.0130, 20.2066,
-41.2304

■ 194.4290, 25.9175,
-52.9962

■ 217.5970, 14.4957,
-29.4646

■ 183.1440, 31.4810,
-64.1473

■ 228.8820, 8.9322,
-18.3135

■ 171.5600, 37.1919,
-75.9131

■ 240.4660, 3.2213,
-6.5477

■ 159.9760, 42.9028,
-87.6790

■ 251.1530, -2.0474,
3.3738

■ 148.6910, 48.4663,
-98.8300

■ 254.0880, -3.4944,
0.7998

■ 137.1070, 54.1772,
-110.5958

■ 132.0570, 56.6669,
-115.8140

Harmonies

Analogous

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



203.9280, 12.3605, -44.6639



206.0130, 20.2066, -41.2304



209.9810, 22.1944, -25.4163

Triad

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



206.0130, 20.2066, -41.2304



216.8390, 1.0654, 31.7132



210.0760, -18.7715, 0.8103

Complementary

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



206.0130, 20.2066, -41.2304



199.9870, -20.2066, 41.2304

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.



212.9150, -21.1571, 19.3685



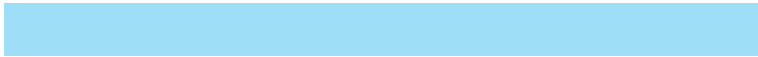
206.0130, 20.2066, -41.2304



214.8150, -9.2758, 35.2422

Square

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



206.0130, 20.2066, -41.2304



216.3840, 11.1497, 17.2032



214.6160, -17.5587, 31.9088



207.1320, -10.4181, -18.5328

Rectangle

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



206.0130, 20.2066, -41.2304



212.7270, 20.8406, -11.1616



214.6160, -17.5587, 31.9088



210.7780, -20.1036, 8.0877

Sweetspot

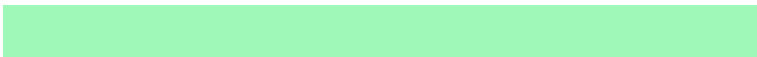
The Sweet Spot groups the original color and five complimentary colors.



206.0130, 20.2066, -41.2304



241.9320, 6.4425, -13.0954



213.5060, -14.5465, -47.8018



119.9820, 3.9529, -7.8772



0.0000, 0.0000, 0.0000



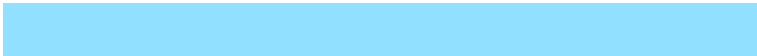
128.0000, 0.0000, 0.0000

Same Dimension

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



206.0130, 20.2066, -41.2304



203.9130, 25.1859, -51.6667



180.1850, 32.9398, -18.5792



116.6510, 2.6371, -5.8329



99.2750, 42.7554, -87.0642



31.3800, 13.6167, -27.5203

Inverse Universe

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



192.4940, 14.5465, 47.8018



186.8960, 18.2923, 59.7272



225.8150, -32.9398, 18.5792



114.6140, 2.1623, 6.4775



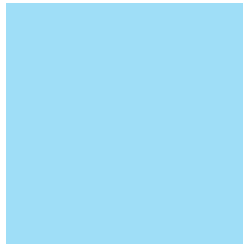
70.7760, 30.6764, 101.0514



22.4290, 9.6485, 32.0728

Previews

White Background



This preview shows how the YUV color 206.0130, 20.2066, -41.2304 looks on a white background.

Color Contrast Check

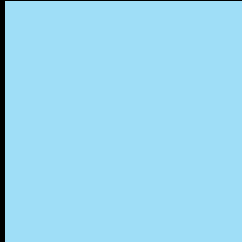
Large Text (above 18pt) WCAG AA × Fail

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 206.0130, 20.2066, -41.2304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

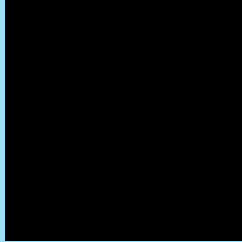
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.0130, 20.2066, -41.2304

Background



This preview shows how black text looks on a background with the YUV color 206.0130, 20.2066, -41.2304.



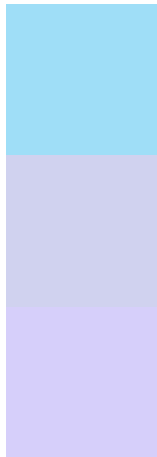
This preview shows how white text looks on a background with the YUV color 206.0130, 20.2066, -41.2304.

-41.2304.

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

206.0130, 20.2066, -41.2304

Protanopia

212.7080, 12.9620, -4.1289

Deuteranopia

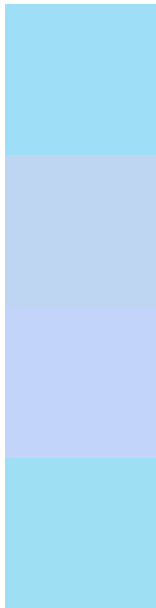
213.9950, 17.7505, 0.0044



Tritanopia

205.3180, 17.5912, -42.3749

Trichromacy



Original Color

206.0130, 20.2066, -41.2304

Protanomaly

210.0160, 15.7681, -17.5540

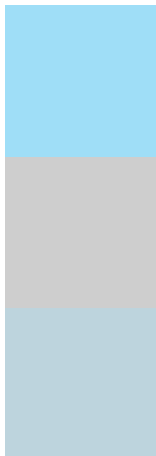
Deuteranomaly

210.8360, 18.8149, -14.7652

Tritanomaly

205.8450, 18.3174, -41.9601

Monochromacy



Original Color

206.0130, 20.2066, -41.2304

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.1490, 7.3215, -15.0397

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.0130, 20.2066, -41.2304 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(159, 222, 247)` looks like.

```
.text, #text, p{  
    color:rgb(159, 222, 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(159, 222, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 222, 247) }
```

Border

The CSS property to change the border of an element to YUV 206.0130, 20.2066, -41.2304 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(159, 222, 247) }
```


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

```
.border{ border-color:rgb(159, 222, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 222, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 222, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 222, 247);  
box-shadow:4px 4px 4px 4px rgb(159, 222,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 206.0130, 20.2066, -41.2304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 222, 247) }
```

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

```
.background{ background-color: rgb(159,  
222, 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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