

Converting Colors

YUV(206.6480, 23.8375,
-39.1563)

Have a look what the booklet for
YUV(206.6480, 23.8375, -39.1563)
contains.

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Color

**YUV(206.6480, 23.8375,
-39.1563)**

Conversions

Conversions Part 1

Format	Color
Hex	A2DCFF
RGB	162, 220, 255
RGB Percent	64%, 86%, 100%
CMY	0.3647, 0.1373, 0.0000
CMYK	0.36, 0.14, 0.00, 0.00
HSL	203°, 100%, 82%
HSV	203°, 36%, 100%
XYZ	58.5435, 66.0878, 104.2784
YIQ	206.6480, -45.8030, -1.4110

Conversions

Conversions Part 2

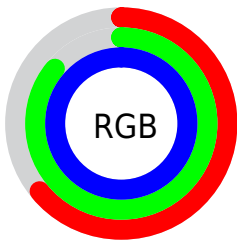
Format	Color
R _Y B	162, 198, 255
Decimal	10673407
CIE Lab	85.04, -10.10, -22.93
CIE LCh	85, 25.058, 246.222
Yxy	66.0878, 0.2557, 0.2887
Android (android.graphics.Color)	4288863487 (0xFFA2DCFF)
YUV	206.6480, 23.8375, -39.1563
Hunter-Lab	81.2944, -13.7199, -19.1467

Details

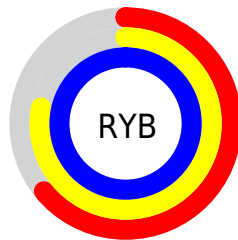
The YUV color **206.6480, 23.8375, -39.1563** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **210.3520, -23.8375, 39.1563**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2360, 5.3067, -22.1320**, and **151.1210, 23.1113, -39.5711** is the 20% darker color. If you saturate the color by 10%, you get **193.0040, 30.5640, -49.9925**, and if you desaturate by 10%, it is **219.9930, 17.2585, -28.9349**.

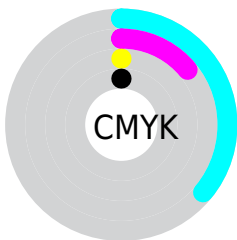
Distribution



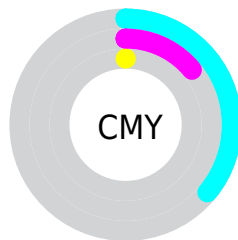
- Red (64%)
- Green (86%)
- Blue (100%)



- Red (64%)
- Yellow (78%)
- Blue (100%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.6480, 23.8375, -39.1563 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 206.6480, 23.8375, -39.1563 by changing the saturation by 10% instead.

■ 206.6480, 23.8375,
-39.1563

■ 206.6480, 23.8375,
-39.1563

255.0000, 0.0000,
0.0000

■ 178.5340, 23.4007,
-39.0563

■ 244.2360, 5.3067,
-22.1320

■ 151.1210, 23.1113,
-39.5711

■ 253.2060, 0.8844,
-3.6887

■ 124.7080, 22.8220,
-40.0859

■ 97.6970, 22.8274,
-41.8303

■ 69.9950, 24.1595,
-49.1076

■ 48.8710, 22.2486,
-42.8599

■ 33.2210, 18.1320,

-29.1348

■ 19.4460, 13.5841,
-17.0541

■ 3.5510, 11.0674,
-3.1142

■ 206.6480, 23.8375,
-39.1563

■ 206.6480, 23.8375,
-39.1563

■ 193.0040, 30.5640,
-49.9925

■ 219.9930, 17.2585,
-28.9349

■ 180.2460, 36.8537,
-60.7287

■ 233.0500, 10.8214,
-17.5838

■ 166.9010, 43.4328,
-70.9502

■ 246.6940, 4.0949,
-6.7476

■ 153.8440, 49.8699,
-82.3012

■ 255.0000, 0.0000,
0.0000

■ 140.2000, 56.5964,
-93.1374

■ 126.8550, 63.1755,
-103.3588

■ 122.4030, 65.3703,
-107.3474

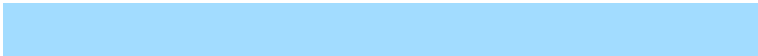
Harmonies

Analogous

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



203.2740, 17.6129, -49.3523



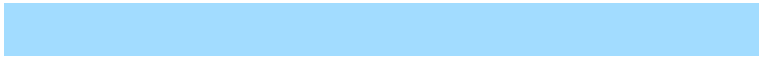
206.6480, 23.8375, -39.1563



211.2100, 21.5885, -17.7242

Triad

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



206.6480, 23.8375, -39.1563



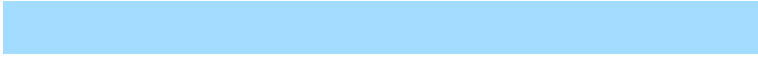
215.0090, -3.4554, 35.0721



207.8900, -16.7078, -7.7965

Complementary

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



206.6480, 23.8375, -39.1563



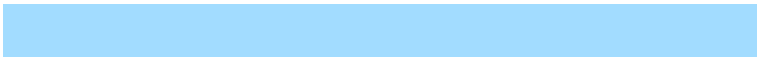
210.3520, -23.8375, 39.1563

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.



210.5290, -22.4458, 12.6911



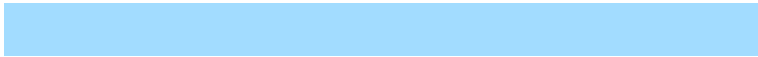
206.6480, 23.8375, -39.1563



213.5610, -14.0806, 36.3420

Square

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



206.6480, 23.8375, -39.1563



216.5270, 7.6282, 26.7248



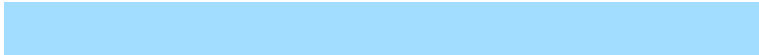
213.5680, -21.4790, 29.3199



204.9180, -5.8756, -28.8691

Rectangle

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



206.6480, 23.8375, -39.1563



214.2660, 20.0819, -1.1103



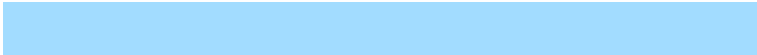
213.5680, -21.4790, 29.3199



208.9510, -19.2028, -0.8340

Sweetspot

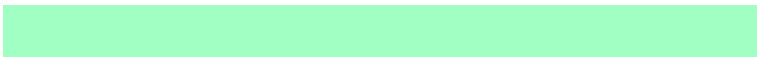
The Sweet Spot groups the original color and five complimentary colors.



206.6480, 23.8375, -39.1563



240.1710, 7.3107, -11.5510



220.4670, -12.0622, -51.2756



118.8080, 4.5317, -6.8476



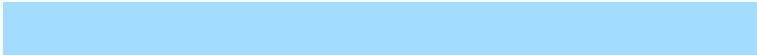
0.0000, 0.0000, 0.0000



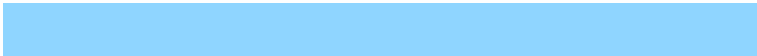
128.0000, 0.0000, 0.0000

Same Dimension

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



206.6480, 23.8375, -39.1563



196.8580, 28.6640, -47.2335



179.6460, 37.1495, -15.4755



121.1780, 3.3632, -5.4181



91.6270, 48.9909, -80.3569



30.7760, 16.3794, -26.9906

Inverse Universe

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



196.4190, 11.6254, 51.3755



184.4680, 14.0663, 61.8566



237.3540, -37.1495, 15.4755



119.7990, 1.5781, 7.1923



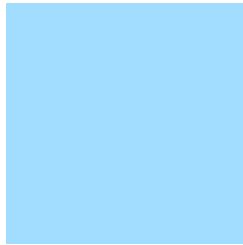
70.6750, 23.8242, 105.5250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 206.6480, 23.8375, -39.1563 looks on a white background.

Color Contrast Check

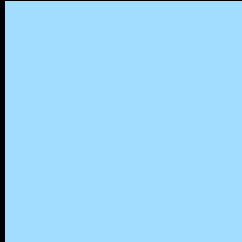
Large Text (above 18pt) WCAG AA × Fail

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 206.6480, 23.8375, -39.1563 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 206.6480, 23.8375, -39.1563

Background



This preview shows how black text looks on a background with the YUV color 206.6480, 23.8375, -39.1563.



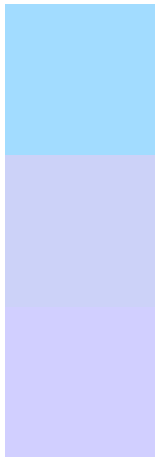
This preview shows how white text looks on a background with the YUV color 206.6480, 23.8375,

-39.1563.

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

206.6480, 23.8375, -39.1563

Protanopia

212.5380, 17.4828, -7.4878

Deuteranopia

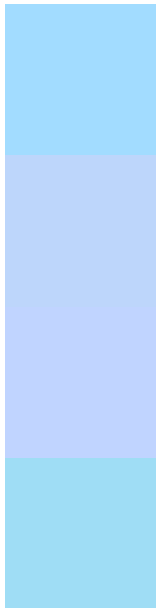
213.0700, 20.6715, -3.5694



Tritanopia

204.9160, 17.2964, -41.1453

Trichromacy



Original Color

206.6480, 23.8375, -39.1563

Protanomaly

210.7430, 19.8467, -19.0686

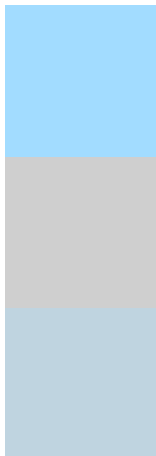
Deuteranomaly

210.9220, 21.7305, -16.5946

Tritanomaly

205.1980, 19.6224, -40.5156

Monochromacy



Original Color

206.6480, 23.8375, -39.1563

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

207.0890, 8.3371, -14.1101

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.6480, 23.8375, -39.1563 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(162, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 220, 255)  
}
```

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(162, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 220, 255) }
```

Border

The CSS property to change the border of an element to YUV 206.6480, 23.8375, -39.1563 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(162, 220, 255) }
```


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

```
.border{ border-color:rgb(162, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 220,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 206.6480, 23.8375, -39.1563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 220, 255) }
```

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

```
.background{ background-color: rgb(162,  
220, 255) }
```

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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