

Converting Colors

YUV(203.0600, 25.6064,
-46.5336)

Have a look what the booklet for
YUV(203.0600, 25.6064, -46.5336)
contains.

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Color

**YUV(203.0600, 25.6064,
-46.5336)**

Conversions

Conversions Part 1

Format	Color
Hex	96DCFF
RGB	150, 220, 255
RGB Percent	59%, 86%, 100%
CMY	0.4118, 0.1373, 0.0000
CMYK	0.41, 0.14, 0.00, 0.00
HSL	200°, 100%, 79%
HSV	200°, 41%, 100%
XYZ	56.2209, 64.8904, 104.1697
YIQ	203.0600, -52.9550, -3.9550

Conversions

Conversions Part 2

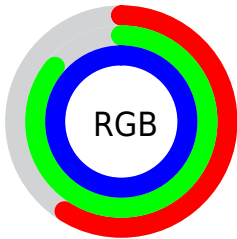
Format	Color
RYB	150, 192, 255
Decimal	9886975
CIELab	84.43, -13.16, -23.92
CIELCh	84, 27.302, 241.184
Yxy	64.8904, 0.2496, 0.2880
Android (android.graphics.Color)	4288077055 (0xFF96DCFF)
YUV	203.0600, 25.6064, -46.5336
Hunter-Lab	80.5546, -16.3914, -20.2830

Details

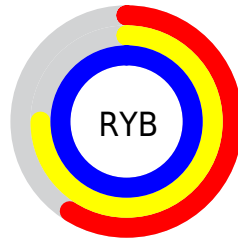
The YUV color **203.0600, 25.6064, -46.5336** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **201.9400, -25.6064, 46.5336**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9470, 6.9281, -28.8945**, and **147.2340, 25.0276, -47.5632** is the 20% darker color. If you saturate the color by 10%, you get **190.8890, 31.6067, -57.7847**, and if you desaturate by 10%, it is **216.1170, 19.1693, -35.1826**.

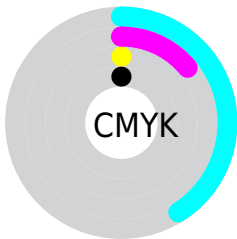
Distribution



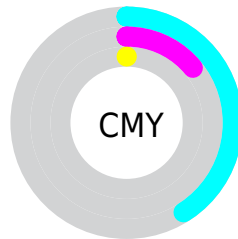
- Red (59%)
- Green (86%)
- Blue (100%)



- Red (59%)
- Yellow (75%)
- Blue (100%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.0600, 25.6064, -46.5336 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 203.0600, 25.6064, -46.5336 by changing the saturation by 10% instead.

■ 203.0600, 25.6064,
-46.5336

■ 203.0600, 25.6064,
-46.5336

■ 255.0000, 0.0000,
0.0000

■ 174.9460, 25.1696,
-46.4336

■ 240.9470, 6.9281,
-28.8945

■ 147.2340, 25.0276,
-47.5632

■ 249.6180, 2.6533,
-11.0660

■ 120.2230, 25.0331,
-49.3076

■ 91.7170, 25.7755,
-54.1258

■ 65.8090, 26.2232,
-57.7145

■ 48.8710, 22.2486,
-42.8599

■ 33.2210, 18.1320,

-29.1348

■ 19.4460, 13.5841,
-17.0541

■ 3.5510, 11.0674,
-3.1142

■ 203.0600, 25.6064,
-46.5336

■ 203.0600, 25.6064,
-46.5336

■ 190.8890, 31.6067,
-57.7847

■ 216.1170, 19.1693,
-35.1826

■ 177.8320, 38.0438,
-69.1357

■ 228.2880, 13.1690,
-23.9316

■ 165.6610, 44.0441,
-80.3867

■ 241.3450, 6.7319,
-12.5806

■ 152.6040, 50.4812,
-91.7377

■ 253.5160, 0.7316,
-1.3295

■ 140.4330, 56.4815, 255.0000, 0.0000,
-102.9887 0.0000

■ 128.8600, 62.1870,
-113.0102

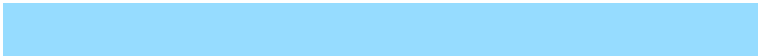
Harmonies

Analogous

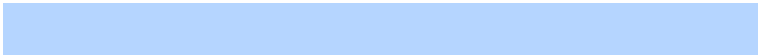
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.3550, 18.0660, -54.6853



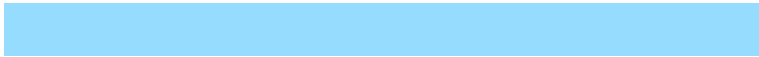
203.0600, 25.6064, -46.5336



208.2200, 23.0625, -23.8719

Triad

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



203.0600, 25.6064, -46.5336



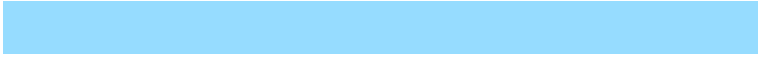
213.0030, -0.9875, 36.8314



206.4020, -19.9182, -4.7376

Complementary

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



203.0600, 25.6064, -46.5336



201.9400, -25.6064, 46.5336

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.



209.2800, -24.7880, 17.2944



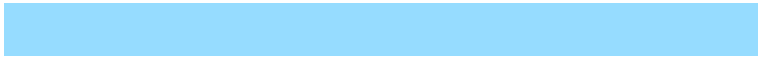
203.0600, 25.6064, -46.5336



211.2130, -12.9230, 38.4012

Square

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



203.0600, 25.6064, -46.5336



215.2110, 10.2490, 26.1250



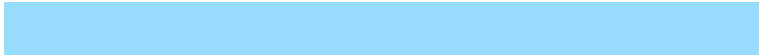
211.9600, -22.6583, 34.2381



203.4190, -9.0806, -27.5545

Rectangle

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



203.0600, 25.6064, -46.5336



211.8740, 21.2611, -6.0285



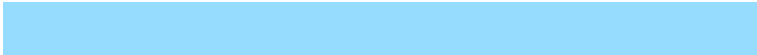
211.9600, -22.6583, 34.2381



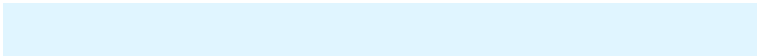
207.7620, -22.5607, 2.8397

Sweetspot

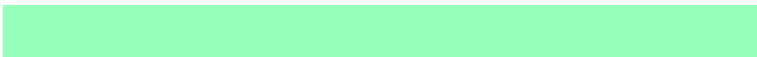
The Sweet Spot groups the original color and five complimentary colors.



203.0600, 25.6064, -46.5336



239.8610, 7.4635, -13.9101



215.6250, -15.0981, -57.5531



119.0960, 4.3897, -7.9772



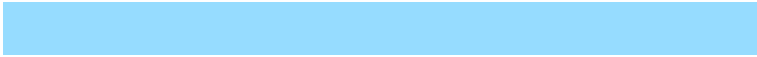
0.0000, 0.0000, 0.0000



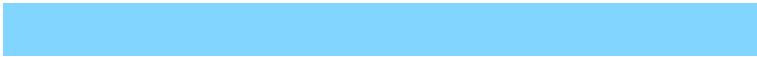
128.0000, 0.0000, 0.0000

Same Dimension

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



203.0600, 25.6064, -46.5336



192.9710, 30.5803, -55.2256



173.1230, 40.3654, -20.2789



121.1780, 3.3632, -5.4181



96.9100, 46.3864, -84.9901



32.5370, 15.5113, -28.5349

Inverse Universe

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



189.3750, 15.0981, 57.5531



176.8370, 17.8284, 68.5490



233.0510, -40.9441, 19.2493



119.7990, 1.5781, 7.1923



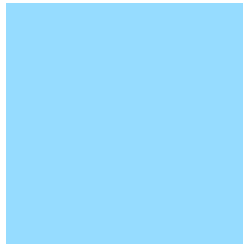
71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 203.0600, 25.6064, -46.5336 looks on a white background.

Color Contrast Check

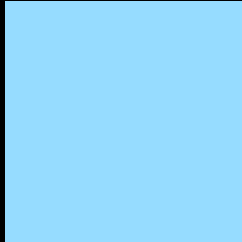
Large Text (above 18pt) WCAG AA × Fail

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 203.0600, 25.6064, -46.5336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

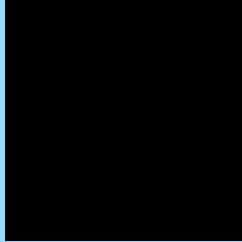
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.0600, 25.6064, -46.5336

Background



This preview shows how black text looks on a background with the YUV color 203.0600, 25.6064, -46.5336.



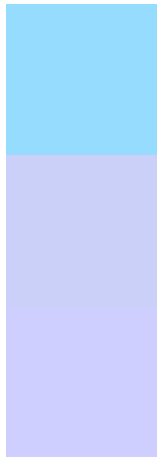
This preview shows how white text looks on a background with the YUV color 203.0600, 25.6064, -46.5336.

-46.5336.

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

203.0600, 25.6064, -46.5336

Protanopia

210.6520, 17.9196, -7.5878

Deuteranopia

211.5860, 21.4031, -4.8989



Tritanopia

201.3280, 19.0653, -48.5227

Trichromacy



Original Color

203.0600, 25.6064, -46.5336

Protanomaly

207.6610, 20.8731, -21.6277

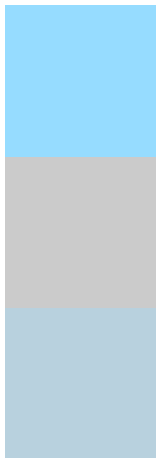
Deuteranomaly

208.5410, 22.9043, -19.7685

Tritanomaly

201.6100, 21.3913, -47.8930

Monochromacy



Original Color

203.0600, 25.6064, -46.5336

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0070, 9.3635, -16.6691

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.0600, 25.6064, -46.5336 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(150, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 220, 255) }
```

Border

The CSS property to change the border of an element to YUV 203.0600, 25.6064, -46.5336 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(150, 220, 255) }
```


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

```
.border{ border-color:rgb(150, 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(150, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 220,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 203.0600, 25.6064, -46.5336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 220, 255) }
```

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

```
.background{ background-color: rgb(150,  
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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