

Converting Colors

YUV(203.6670, 18.4052,
-23.3870)

Have a look what the booklet for
YUV(203.6670, 18.4052, -23.3870)
contains.

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Color

**YUV(203.6670, 18.4052,
-23.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D2F1
RGB	177, 210, 241
RGB Percent	69%, 82%, 95%
CMY	0.3059, 0.1765, 0.0549
CMYK	0.27, 0.13, 0.00, 0.05
HSL	209°, 70%, 82%
HSV	209°, 27%, 95%
XYZ	57.0552, 61.7912, 92.1388
YIQ	203.6670, -29.6190, 2.6450

Conversions

Conversions Part 2

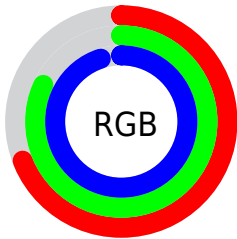
Format	Color
R_{YB}	177, 199, 241
Decimal	11653873
CIE Lab	82.80, -4.09, -18.82
CIE LCh	83, 19.263, 257.745
Yxy	61.7912, 0.2704, 0.2929
Android (android.graphics.Color)	4289843953 (0xFFB1D2F1)
YUV	203.6670, 18.4052, -23.3870
Hunter-Lab	78.6074, -8.0030, -14.4710

Details

The YUV color **203.6670, 18.4052, -23.3870** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **214.3330, -18.4052, 23.3870**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.7210, 3.0955, -12.9103**, and **149.4390, 17.5316, -23.1870** is the 20% darker color. If you saturate the color by 10%, you get **189.4470, 25.4156, -31.9640**, and if you desaturate by 10%, it is **217.8870, 11.3947, -14.8099**.

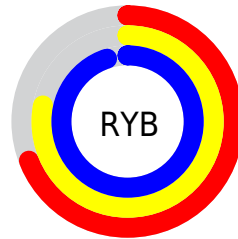
Distribution



Red (69%)

Green (82%)

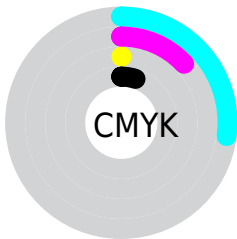
Blue (95%)



Red (69%)

Yellow (78%)

Blue (95%)

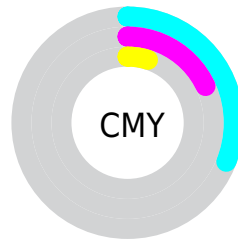


Cyan (27%)

Magenta (13%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.6670, 18.4052, -23.3870 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 203.6670, 18.4052, -23.3870 by changing the saturation by 10% instead.

■ 203.6670, 18.4052,
-23.3870

■ 203.6670, 18.4052,
-23.3870

255.0000, 0.0000,
0.0000

■ 175.9660, 18.2578,
-22.7722

■ 248.7210, 3.0955,
-12.9103

■ 149.4390, 17.5316,
-23.1870

■ 123.3250, 17.0948,
-23.0870

■ 98.2110, 16.6580,
-22.9870

■ 72.7980, 16.3686,
-23.5018

■ 49.0750, 16.2320,
-26.3758

■ 27.8580, 15.3530,

-24.4315

■ 13.0230, 11.8207,
-11.4212

■ 2.2970, 6.2626,
-2.0145

■ 203.6670, 18.4052,
-23.3870

■ 203.6670, 18.4052,
-23.3870

■ 189.4470, 25.4156,
-31.9640

■ 217.8870, 11.3947,
-14.8099

■ 175.8140, 32.1367,
-41.0559

■ 231.5200, 4.6736,
-5.7180

■ 161.5940, 39.1472,
-49.6329

■ 245.7400, -2.3368,
2.8590

■ 147.3740, 46.1576,
-58.2100

■ 253.4040, -6.1152,
1.3997

■ 133.4420, 53.0261,
-67.9166

■ 119.2220, 60.0366,
-76.4937

■ 105.0020, 67.0470,
-85.0708

■ 100.2620, 69.3838,
-87.9298

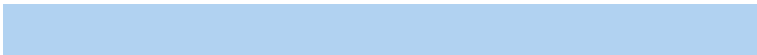
Harmonies

Analogous

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



200.2050, 15.6749, -34.3828



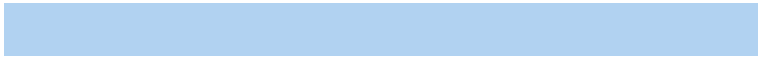
203.6670, 18.4052, -23.3870



206.9080, 16.3144, -6.0583

Triad

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



203.6670, 18.4052, -23.3870



209.1780, -6.4968, 30.5389



201.8770, -10.2924, -12.1701

Complementary

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



203.6670, 18.4052, -23.3870



214.3330, -18.4052, 23.3870

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.



204.1950, -15.8721, 4.2140



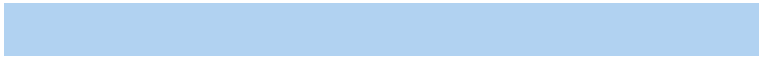
203.6670, 18.4052, -23.3870



207.9190, -13.7641, 28.1350

Square

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



203.6670, 18.4052, -23.3870



209.4360, 2.2501, 25.0506



206.2400, -17.3733, 19.0835



200.1940, -1.0816, -26.4801

Rectangle

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



203.6670, 18.4052, -23.3870



208.4750, 13.0768, 5.7224



206.2400, -17.3733, 19.0835



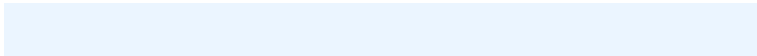
202.9270, -12.7820, -6.9520

Sweetspot

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



203.6670, 18.4052, -23.3870



243.1500, 5.8421, -7.1475



218.1020, -4.9803, -36.0465



120.0040, 3.9420, -4.3885



0.0000, 0.0000, 0.0000



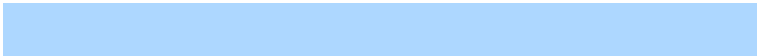
128.0000, 0.0000, 0.0000

Same Dimension

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



203.6670, 18.4052, -23.3870



207.0020, 23.6630, -29.8198



184.8830, 27.6657, -6.9134



112.8900, 3.5052, -4.2885



76.7410, 52.8787, -67.3019



23.4070, 16.0683, -20.5279

Inverse Universe

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



199.8980, 4.9803, 36.0465



202.3060, 6.2581, 46.2126



233.1170, -27.6657, 6.9134



112.2720, 0.8519, 6.7775



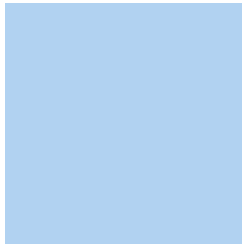
65.8460, 14.3729, 103.6211



20.0500, 4.4123, 31.5282

Previews

White Background



This preview shows how the YUV color 203.6670, 18.4052, -23.3870 looks on a white background.

Color Contrast Check

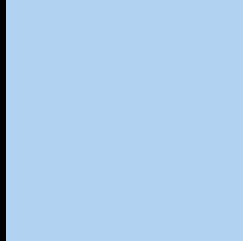
Large Text (above 18pt) WCAG AA × Fail

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 203.6670, 18.4052, -23.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

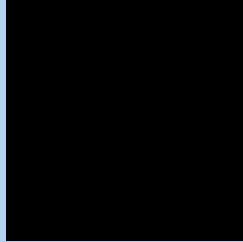
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

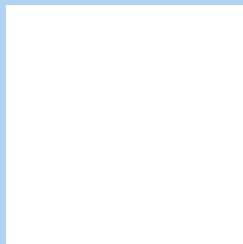
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.6670, 18.4052, -23.3870

Background



This preview shows how black text looks on a background with the YUV color 203.6670, 18.4052, -23.3870.



This preview shows how white text looks on a background with the YUV color 203.6670, 18.4052, -23.3870.

-23.3870.

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

203.6670, 18.4052, -23.3870

Protanopia

206.5660, 15.0040, -5.7584

Deuteranopia

207.8810, 17.3137, 0.1044



Tritanopia

202.5760, 13.0270, -25.0612

Trichromacy



Original Color

203.6670, 18.4052, -23.3870

Protanomaly

205.4620, 16.0412, -11.8062

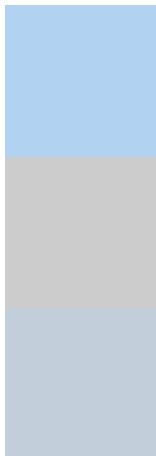
Deuteranomaly

206.2390, 17.6302, -8.1026

Tritanomaly

202.7440, 14.9162, -24.3315

Monochromacy



Original Color

203.6670, 18.4052, -23.3870

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.6660, 6.5737, -8.4771

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.6670, 18.4052, -23.3870 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(177, 210, 241)` looks like.

```
.text, #text, p{  
    color:rgb(177, 210, 241)  
}
```

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(177, 210, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 210, 241) }
```

Border

The CSS property to change the border of an element to YUV 203.6670, 18.4052, -23.3870 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(177, 210, 241) }
```


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

```
.border{ border-color:rgb(177, 210, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 210, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 210, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 210, 241);  
box-shadow:4px 4px 4px 4px rgb(177, 210,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 203.6670, 18.4052, -23.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 210, 241) }
```

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

```
.background{ background-color: rgb(177,  
210, 241) }
```

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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