

Converting Colors

YUV(203.2030, 25.5359,
-23.8570)

Have a look what the booklet for
YUV(203.2030, 25.5359, -23.8570)
contains.

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Color

**YUV(203.2030, 25.5359,
-23.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CFFF
RGB	176, 207, 255
RGB Percent	69%, 81%, 100%
CMY	0.3098, 0.1882, 0.0000
CMYK	0.31, 0.19, 0.00, 0.00
HSL	216°, 100%, 85%
HSV	216°, 31%, 100%
XYZ	58.2673, 61.0758, 103.3255
YIQ	203.2030, -33.8840, 8.3560

Conversions

Conversions Part 2

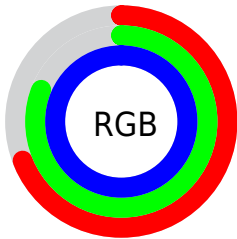
Format	Color
R_{YB}	176, 198, 255
Decimal	11587583
CIE Lab	82.42, 0.53, -26.85
CIE LCh	82, 26.854, 271.125
Yxy	61.0758, 0.2617, 0.2743
Android (android.graphics.Color)	4289777663 (0xFFB0CFFF)
YUV	203.2030, 25.5359, -23.8570
Hunter-Lab	78.1510, -3.6793, -23.6832

Details

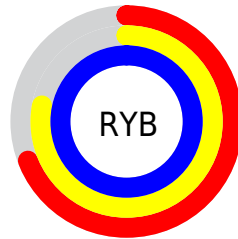
The YUV color $203.2030, 25.5359, -23.8570$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $227.7970, -25.5359, 23.8570$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4220, 3.2430, -13.5251$, and $148.5620, 24.3729, -24.1719$ is the 20% darker color. If you saturate the color by 10%, you get $186.6240, 33.7094, -32.1192$, and if you desaturate by 10%, it is $219.7820, 17.3625, -15.5948$.

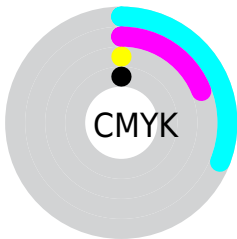
Distribution



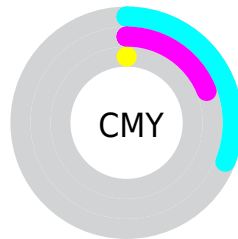
- Red (69%)
- Green (81%)
- Blue (100%)



- Red (69%)
- Yellow (78%)
- Blue (100%)



- Cyan (31%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.2030, 25.5359, -23.8570 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 203.2030, 25.5359, -23.8570 by changing the saturation by 10% instead.

■ 203.2030, 25.5359,
-23.8570

■ 203.2030, 25.5359,
-23.8570

255.0000, 0.0000,
0.0000

■ 175.6760, 24.8097,
-24.2719

■ 248.4220, 3.2430,
-13.5251

■ 148.5620, 24.3729,
-24.1719

■ 122.4480, 23.9361,
-24.0719

■ 96.9210, 23.2099,
-24.4867

■ 71.7960, 22.7786,
-26.1311

■ 45.8660, 23.2371,
-33.2085

■ 27.9380, 20.7366,

-24.5016

■ 12.4020, 17.0568,
-10.8766

■ 3.5510, 11.0674,
-3.1142

■ 203.2030, 25.5359,
-23.8570

■ 203.2030, 25.5359,
-23.8570

■ 186.6240, 33.7094,
-32.1192

■ 219.7820, 17.3625,
-15.5948

■ 169.7570, 42.0248,
-39.2519

■ 236.6490, 9.0470,
-8.4622

■ 153.1780, 50.1982,
-47.5141

■ 253.2280, 0.8736,
-0.2000

■ 136.3110, 58.5137,
-54.6467

■ 255.0000, 0.0000,
0.0000

■ 120.0310, 66.5397,
-62.2942

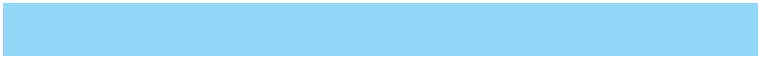
■ 102.8650, 75.0026,
-70.0416

■ 87.7700, 82.4444,
-76.9743

Harmonies

Analogous

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



197.5440, 24.8748, -45.2041



203.2030, 25.5359, -23.8570



207.2880, 20.0710, 2.3784

Triad

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



203.2030, 25.5359, -23.8570



207.7080, -13.6600, 41.4751



197.8320, -8.7912, -27.0397

Complementary

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



203.2030, 25.5359, -23.8570



227.7970, -25.5359, 23.8570

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.



200.9290, -19.1920, -4.3227



203.2030, 25.5359, -23.8570



205.8890, -21.6373, 33.4233

Square

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



203.2030, 25.5359, -23.8570



209.0850, -2.0139, 39.3905



204.0950, -24.2038, 16.5797



194.6800, 5.0878, -45.3234

Rectangle

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



203.2030, 25.5359, -23.8570



209.0790, 13.7651, 18.3477



204.0950, -24.2038, 16.5797



198.5510, -12.5966, -19.7772

Sweetspot

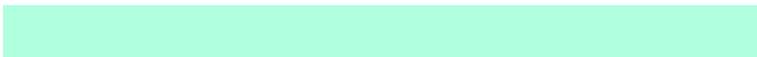
The Sweet Spot groups the original color and five complimentary colors.



203.2030, 25.5359, -23.8570



239.9050, 7.4418, -6.9327



227.7310, -2.3324, -45.3681



118.2320, 4.8156, -4.5885



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.



203.2030, 25.5359, -23.8570



193.4350, 30.3515, -28.4455



187.3980, 33.3278, -2.9800



119.4170, 4.2314, -3.8737



65.7990, 61.7241, -57.7057



21.9710, 20.7203, -19.2686

Inverse Universe

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



203.1550, 1.8956, 45.4681



193.3240, 2.3053, 54.0899



243.6020, -33.3278, 2.9800



119.4570, 0.2677, 7.4922



65.6590, 4.6051, 109.9241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 203.2030, 25.5359, -23.8570 looks on a white background.

Color Contrast Check

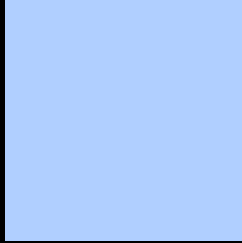
Large Text (above 18pt) WCAG AA × Fail

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 203.2030, 25.5359, -23.8570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

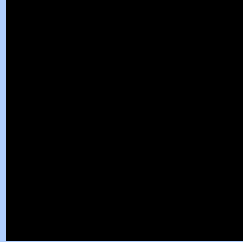
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

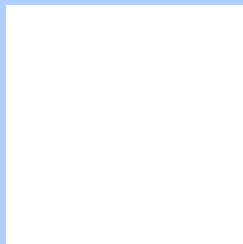
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.2030, 25.5359, -23.8570

Background



This preview shows how black text looks on a background with the YUV color 203.2030, 25.5359, -23.8570.



This preview shows how white text looks on a background with the YUV color 203.2030, 25.5359, -23.8570.

-23.8570.

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

203.2030, 25.5359, -23.8570

Protanopia

205.5960, 22.8772, -11.0467

Deuteranopia

206.2590, 24.0293, -7.2431



Tritanopia

201.3800, 13.6167, -27.5203

Trichromacy



Original Color

203.2030, 25.5359, -23.8570

Protanomaly

204.5030, 23.9090, -15.3501

Deuteranomaly

205.0410, 24.6298, -13.1910

Tritanomaly

201.8300, 17.8318, -26.1609

Monochromacy



Original Color

203.2030, 25.5359, -23.8570

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.7630, 9.4838, -8.5622

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.2030, 25.5359, -23.8570 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(176, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 207, 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(176, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 207, 255) }
```

Border

The CSS property to change the border of an element to YUV 203.2030, 25.5359, -23.8570 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(176, 207, 255) }
```


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

```
.border{ border-color:rgb(176, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(176, 207,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 203.2030, 25.5359, -23.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 207, 255) }
```

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

```
.background{ background-color: rgb(176,  
207, 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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