

Converting Colors

YUV(185.3190, 23.0137,
-8.1728)

Have a look what the booklet for
YUV(185.3190, 23.0137, -8.1728)
contains.

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Color

**YUV(185.3190, 23.0137,
-8.1728)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B5E8
RGB	176, 181, 232
RGB Percent	69%, 71%, 91%
CMY	0.3098, 0.2902, 0.0902
CMYK	0.24, 0.22, 0.00, 0.09
HSL	235°, 55%, 80%
HSV	235°, 24%, 91%
XYZ	48.9939, 48.1040, 83.0467
YIQ	185.3190, -19.3510, 14.8010

Conversions

Conversions Part 2

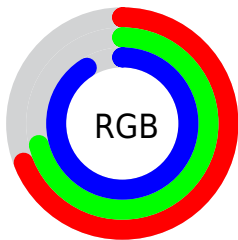
Format	Color
R_{YB}	176, 181, 232
Decimal	11580904
CIE _{Lab}	74.89, 9.13, -26.03
CIE _{LCh}	75, 27.581, 289.336
Yxy	48.1040, 0.2720, 0.2670
Android (android.graphics.Color)	4289770984 (0xFFB0B5E8)
YUV	185.3190, 23.0137, -8.1728
Hunter-Lab	69.3571, 4.7175, -22.4426

Details

The YUV color **185.3190, 23.0137, -8.1728** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **222.6810, -23.0137, 8.1728**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.5570, 8.5994, -4.8735**, and **131.6780, 21.8507, -8.4876** is the 20% darker color. If you saturate the color by 10%, you get **166.1150, 32.4813, -11.5019**, and if you desaturate by 10%, it is **204.5230, 13.5462, -4.8437**.

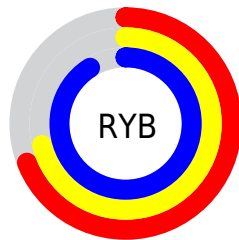
Distribution



Red (69%)

Green (71%)

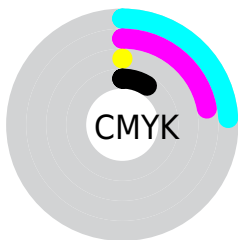
Blue (91%)



Red (69%)

Yellow (71%)

Blue (91%)

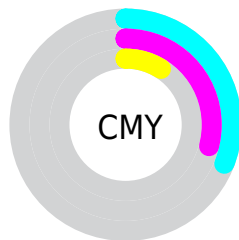


Cyan (24%)

Magenta (22%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.3190, 23.0137, -8.1728 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 185.3190, 23.0137, -8.1728 by changing the saturation by 10% instead.

■ 185.3190, 23.0137,
-8.1728

■ 185.3190, 23.0137,
-8.1728

255.0000, 0.0000,
0.0000

■ 158.2050, 22.5769,
-8.0728

■ 237.5570, 8.5994,
-4.8735

■ 131.6780, 21.8507,
-8.4876

■ 106.4500, 20.9771,
-8.2877

■ 81.9230, 20.2510,
-8.7025

■ 58.6840, 19.3828,
-10.2469

■ 35.5590, 18.9514,
-11.8912

■ 14.0320, 18.2252,

-12.3061

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 185.3190, 23.0137,
-8.1728

■ 185.3190, 23.0137,
-8.1728

■ 166.1150, 32.4813,
-11.5019

■ 204.5230, 13.5462,
-4.8437

■ 146.9110, 41.9489,
-14.8309

■ 223.7270, 4.0786,
-1.5146

■ 127.4080, 51.5639,
-18.7748

■ 243.2300, -5.5364,
2.4293

■ 107.6170, 61.3208,
-21.5891

■ 252.3780,
-10.0464, 2.2995

■ 88.4130, 70.7884,
-24.9182

■ 69.2090, 80.2560,
-28.2473

■ 50.0050, 89.7235,
-31.5764

■ 38.7750, 95.2599,
-34.0057

Harmonies

Analogous

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



179.4790, 26.8789, -34.6231



185.3190, 23.0137, -8.1728



188.0080, 14.7861, 17.5330

Triad

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



185.3190, 23.0137, -8.1728



185.6060, -19.0328, 38.0565



174.6330, -0.3121, -40.0201

Complementary

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



185.3190, 23.0137, -8.1728



222.6810, -23.0137, 8.1728

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.



178.0350, -13.3283, -18.4477



185.3190, 23.0137, -8.1728



184.1390, -24.2255, 23.5571

Square

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



185.3190, 23.0137, -8.1728



187.2720, -9.0081, 42.7345



181.4740, -22.4187, 3.9693



171.9160, 13.8454, -54.3003

Rectangle

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



185.3190, 23.0137, -8.1728



188.7340, 7.0331, 30.9283



181.4740, -22.4187, 3.9693



175.8250, -4.8437, -33.1725

Sweetspot

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



185.3190, 23.0137, -8.1728



240.2260, 7.2836, -2.8292



214.5720, 5.6340, -33.8276



118.8410, 4.5154, -1.6146



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.



185.3190, 23.0137, -8.1728



193.5450, 30.2973, -11.0020



188.9620, 21.2177, 7.9263



104.9550, 4.9522, -1.7145



29.7980, 73.5566, -26.1328



8.7490, 20.8297, -7.6729

Inverse Universe

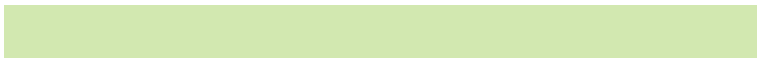
The Inverse Universe completely reimagines the original color for something new.



193.3140, -6.0708, 33.9276



203.9240, -7.8505, 44.7937



219.0380, -21.2177, -7.9263



106.7020, -1.3321, 7.2773



55.3450, -19.3971, 108.4454



15.8190, -5.3338, 30.8537

Previews

White Background



This preview shows how the YUV color 185.3190, 23.0137, -8.1728 looks on a white background.

Color Contrast Check

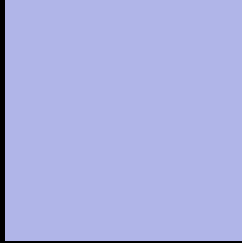
Large Text (above 18pt) WCAG AA × Fail

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 185.3190, 23.0137, -8.1728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

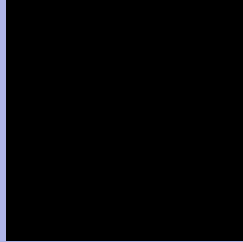
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.3190, 23.0137, -8.1728

Background



This preview shows how black text looks on a background with the YUV color 185.3190, 23.0137, -8.1728.



This preview shows how white text looks on a background with the YUV color 185.3190, 23.0137, -8.1728.

-8.1728.

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

185.3190, 23.0137, -8.1728

Protanopia

184.8240, 23.7508, -11.2466

Deuteranopia

185.6180, 22.8663, -7.5580



Tritanopia

183.5130, 8.6211, -11.8509

Trichromacy



Original Color

185.3190, 23.0137, -8.1728

Protanomaly

185.1230, 23.6034, -10.6319

Deuteranomaly

185.6180, 22.8663, -7.5580

Tritanomaly

184.1910, 13.7098, -10.6915

Monochromacy



Original Color

185.3190, 23.0137, -8.1728

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.4540, 8.1572, -3.0292

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.3190, 23.0137, -8.1728 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, 181, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 181, 232)  
}
```

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, 181, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 181, 232) }
```

Border

The CSS property to change the border of an element to YUV 185.3190, 23.0137, -8.1728 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, 181, 232) }
```


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

```
.border{ border-color:rgb(176, 181, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 181, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 181, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 181, 232); box-shadow:4px 4px 4px 4px rgb(176, 181, 232) }
```

Background

The CSS property to change the background color of an element to YUV 185.3190, 23.0137, -8.1728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 181, 232) }
```

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

```
.background{ background-color: rgb(176,  
181, 232) }
```

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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