

Converting Colors

YUV(200.0460, 27.0923,
-9.6873)

Have a look what the booklet for
YUV(200.0460, 27.0923, -9.6873)
contains.

YUV(200.0460, 27.0923, -9.6873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(200.0460, 27.0923,
-9.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC3FF
RGB	189, 195, 255
RGB Percent	74%, 76%, 100%
CMY	0.2588, 0.2353, 0.0000
CMYK	0.26, 0.24, 0.00, 0.00
HSL	235°, 100%, 87%
HSV	235°, 26%, 100%
XYZ	58.5514, 57.0690, 102.5372
YIQ	200.0460, -22.8360, 17.3880

Conversions

Conversions Part 2

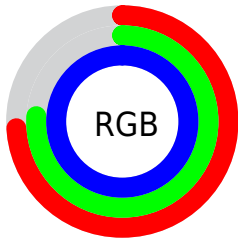
Format	Color
R_{YB}	189, 195, 255
Decimal	12436479
CIE _{Lab}	80.22, 10.70, -30.14
CIE _{LCh}	80, 31.987, 289.550
Yxy	57.0690, 0.2684, 0.2616
Android (android.graphics.Color)	4290626559 (0xFFBDC3FF)
YUV	200.0460, 27.0923, -9.6873
Hunter-Lab	75.5440, 6.1466, -27.5945

Details

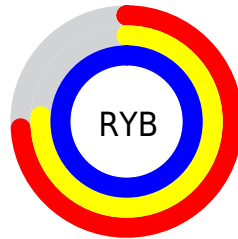
The YUV color $200.0460, 27.0923, -9.6873$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $243.9540, -27.0923, 9.6873$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9610, 2.4842, -3.4738$, and $145.4050, 25.9293, -10.0022$ is the 20% darker color. If you saturate the color by 10%, you get $179.0700, 37.4335, -13.2164$, and if you desaturate by 10%, it is $221.3210, 16.6037, -5.5435$.

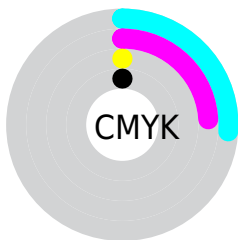
Distribution



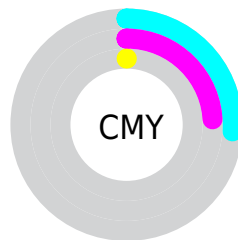
- Red (74%)
- Green (76%)
- Blue (100%)



- Red (74%)
- Yellow (76%)
- Blue (100%)



- Cyan (26%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.0460, 27.0923, -9.6873 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 200.0460, 27.0923, -9.6873 by changing the saturation by 10% instead.

■ 200.0460, 27.0923,
-9.6873

■ 200.0460, 27.0923,
-9.6873

255.0000, 0.0000,
0.0000

■ 172.5190, 26.3661,
-10.1022

■ 249.9610, 2.4842,
-3.4738

■ 145.4050, 25.9293,
-10.0022

■ 119.8780, 25.2031,
-10.4170

■ 94.3510, 24.4770,
-10.8318

■ 70.4110, 23.4614,
-11.7614

■ 46.8730, 22.7406,
-13.9206

■ 23.1280, 22.6149,

-20.2833

■ 5.3580, 20.5295,
-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 200.0460, 27.0923,
-9.6873

■ 200.0460, 27.0923,
-9.6873

■ 179.0700, 37.4335,
-13.2164

■ 221.3210, 16.6037,
-5.5435

■ 157.7950, 47.9221,
-17.3602

■ 242.2970, 6.2626,
-2.0145

■ 136.2320, 58.5526,
-20.3745

■ 255.0000, 0.0000,
0.0000

■ 114.9570, 69.0412,
-24.5183

■ 93.9810, 79.3824,
-28.0473

■ 72.7060, 89.8709,
-32.1912

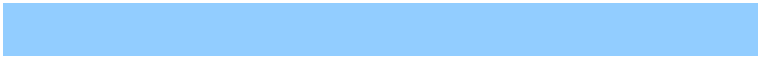
■ 51.7300, 100.2121,
-35.7202

■ 42.5710, 104.7275,
-37.3348

Harmonies

Analogous

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



193.0590, 30.5369, -41.2707



200.0460, 27.0923, -9.6873



203.6000, 16.9592, 20.5218

Triad

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



200.0460, 27.0923, -9.6873



200.7270, -22.5434, 44.0894



186.9910, 0.0044, -48.2271

Complementary

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



200.0460, 27.0923, -9.6873



243.9540, -27.0923, 9.6873

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.



191.6170, -16.0802, -22.4661



200.0460, 27.0923, -9.6873



198.1350, -28.1676, 27.9456

Square

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



200.0460, 27.0923, -9.6873



201.2510, -10.4767, 47.1379



195.1490, -26.2025, 4.2543



183.3490, 17.0829, -66.0811

Rectangle

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



200.0460, 27.0923, -9.6873



204.1090, 8.3273, 35.8614



195.1490, -26.2025, 4.2543



188.5530, -5.6956, -39.9500

Sweetspot

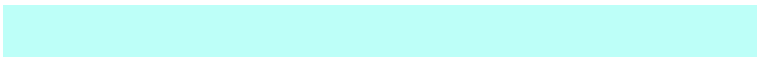
The Sweet Spot groups the original color and five complimentary colors.



200.0460, 27.0923, -9.6873



237.8670, 8.4466, -2.5144



234.4680, 6.6713, -39.8754



117.0690, 5.3890, -1.8145



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.



200.0460, 27.0923, -9.6873



189.1150, 32.4813, -11.5019



204.2980, 24.9961, 9.3857



117.0690, 5.3890, -1.8145



31.7530, 78.5088, -27.8474



10.8180, 26.2187, -9.4874

Inverse Universe

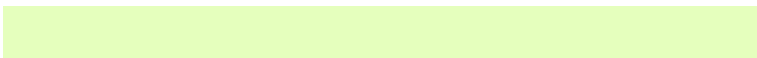
The Inverse Universe completely reimagines the original color for something new.



209.4180, -7.1081, 39.9754



200.4190, -8.5876, 47.8675



239.7020, -24.9961, -9.3857



119.0010, -1.4795, 7.8921



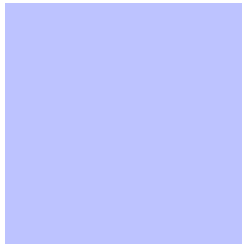
59.0470, -20.7292, 115.7228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 200.0460, 27.0923, -9.6873 looks on a white background.

Color Contrast Check

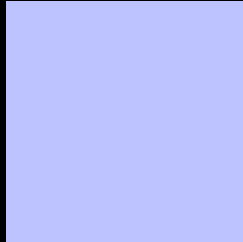
Large Text (above 18pt) WCAG AA × Fail

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 200.0460, 27.0923, -9.6873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

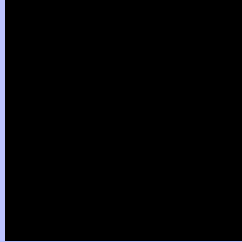
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.0460, 27.0923, -9.6873

Background



This preview shows how black text looks on a background with the YUV color 200.0460, 27.0923, -9.6873.



This preview shows how white text looks on a background with the YUV color 200.0460, 27.0923, -9.6873.

-9.6873.

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

200.0460, 27.0923, -9.6873

Protanopia

199.7250, 27.2506, -13.7908

Deuteranopia

199.7470, 27.2397, -10.3021



Tritanopia

197.8440, 9.9369, -13.8952

Trichromacy



Original Color

200.0460, 27.0923, -9.6873

Protanomaly

199.7360, 27.2452, -12.0465

Deuteranomaly

199.7470, 27.2397, -10.3021

Tritanomaly

198.4620, 16.0412, -11.8062

Monochromacy



Original Color

200.0460, 27.0923, -9.6873

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9100, 9.9044, -3.4291

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.0460, 27.0923, -9.6873 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(189, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 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(189, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 255) }
```

Border

The CSS property to change the border of an element to YUV 200.0460, 27.0923, -9.6873 is called "border". The border property can be set on classes, ids or directly on the HTML element.

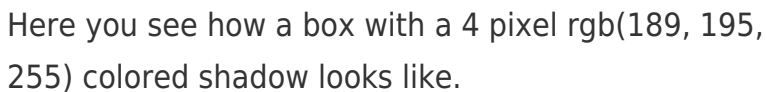
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 195, 255) }
```


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

```
.border{ border-color:rgb(189, 195, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 200.0460, 27.0923, -9.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 255) }
```

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

```
.background{ background-color: rgb(189,  
195, 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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