

Converting Colors

YUV(200.4240, 26.9060,
-43.3448)

Have a look what the booklet for
YUV(200.4240, 26.9060, -43.3448)
contains.

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Color

**YUV(200.4240, 26.9060,
-43.3448)**

Conversions

Conversions Part 1

Format	Color
Hex	97D7FF
RGB	151, 215, 255
RGB Percent	59%, 84%, 100%
CMY	0.4078, 0.1569, 0.0000
CMYK	0.41, 0.16, 0.00, 0.00
HSL	203°, 100%, 80%
HSV	203°, 41%, 100%
XYZ	55.1129, 62.4002, 103.7474
YIQ	200.4240, -50.9840, -1.1280

Conversions

Conversions Part 2

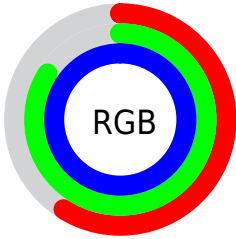
Format	Color
R_{YB}	151, 191, 255
Decimal	9951231
CIE _{Lab}	83.13, -10.32, -25.90
CIE _{LCh}	83, 27.881, 248.264
Y _{xy}	62.4002, 0.2491, 0.2820
Android (android.graphics.Color)	4288141311 (0xFF97D7FF)
YUV	200.4240, 26.9060, -43.3448
Hunter-Lab	78.9938, -13.7020, -22.5736

Details

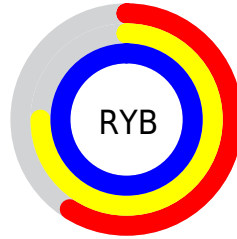
The YUV color **200.4240, 26.9060, -43.3448** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **205.5760, -26.9060, 43.3448**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2460, 6.7807, -28.2797**, and **144.8970, 26.1798, -43.7597** is the 20% darker color. If you saturate the color by 10%, you get **187.0790, 33.4851, -53.5663**, and if you desaturate by 10%, it is **214.0680, 20.1795, -32.5086**.

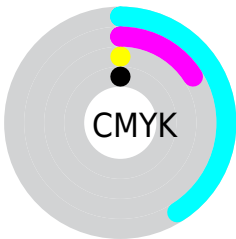
Distribution



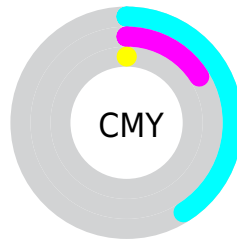
- Red (59%)
- Green (84%)
- Blue (100%)



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



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.4240, 26.9060, -43.3448 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 200.4240, 26.9060, -43.3448 by changing the saturation by 10% instead.

200.4240, 26.9060,
-43.3448

200.4240, 26.9060,
-43.3448

255.0000, 0.0000,
0.0000

172.3100, 26.4692,
-43.2449

241.2460, 6.7807,
-28.2797

144.8970, 26.1798,
-43.7597

249.9170, 2.5059,
-10.4512

117.8860, 26.1852,
-45.5040

90.2660, 26.4909,
-50.2223

63.3470, 26.9439,
-55.5553

46.5230, 23.4062,
-40.8007

31.4600, 19.0002,

-27.5904

■ 17.0980, 14.7417,
-14.9949

■ 3.5510, 11.0674,
-3.1142

■ 200.4240, 26.9060,
-43.3448

■ 200.4240, 26.9060,
-43.3448

■ 187.0790, 33.4851,
-53.5663

■ 214.0680, 20.1795,
-32.5086

■ 173.4350, 40.2115,
-64.4025

■ 227.4130, 13.6004,
-22.2872

■ 160.6770, 46.5012,
-75.1387

■ 240.4700, 7.1633,
-10.9362

■ 147.0330, 53.2277,
-85.9749

■ 253.8150, 0.5842,
-0.7148

■ 133.6880, 59.8068, 255.0000, 0.0000,
-96.1964 0.0000

■ 121.2290, 65.9491,
-106.3178

Harmonies

Analogous

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



195.8540, 21.2710, -56.0000



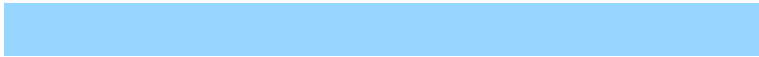
200.4240, 26.9060, -43.3448



205.8940, 24.2093, -18.3240

Triad

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



200.4240, 26.9060, -43.3448



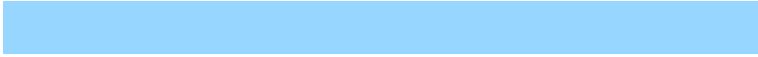
209.5150, -4.1979, 39.8903



201.8250, -18.1547, -10.3705

Complementary

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



200.4240, 26.9060, -43.3448



205.5760, -26.9060, 43.3448

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.



205.2470, -24.7718, 12.0614



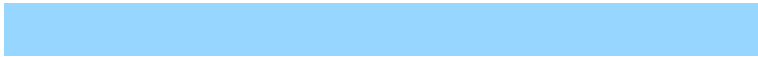
200.4240, 26.9060, -43.3448



208.4260, -15.9860, 40.8454

Square

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



200.4240, 26.9060, -43.3448



211.8480, 7.4699, 30.8283



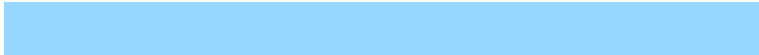
207.5960, -23.9578, 31.0493



198.2980, -5.5699, -33.5873

Rectangle

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



200.4240, 26.9060, -43.3448



209.3200, 21.5342, -0.2806



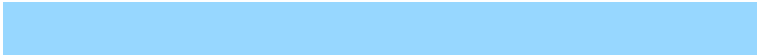
207.5960, -23.9578, 31.0493



203.0710, -21.2340, -2.6933

Sweetspot

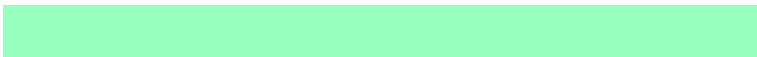
The Sweet Spot groups the original color and five complimentary colors.



200.4240, 26.9060, -43.3448



238.6870, 8.0423, -12.8805



216.6080, -12.6247, -57.5382



118.5090, 4.6791, -7.4624



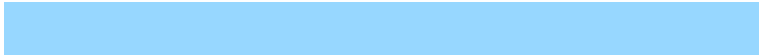
0.0000, 0.0000, 0.0000



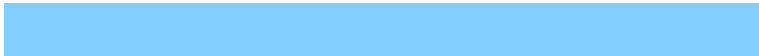
128.0000, 0.0000, 0.0000

Same Dimension

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



200.4240, 26.9060, -43.3448



189.4490, 32.3166, -52.1368



169.9000, 41.9543, -16.5753



121.1780, 3.3632, -5.4181



91.0400, 49.2803, -79.8421



30.1890, 16.6688, -26.4758

Inverse Universe

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



189.3920, 12.6247, 57.5382



176.1530, 15.2076, 69.1488



236.1000, -41.9543, 16.5753



119.7990, 1.5781, 7.1923



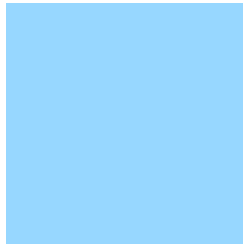
70.5610, 23.3874, 105.6250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 200.4240, 26.9060, -43.3448 looks on a white background.

Color Contrast Check

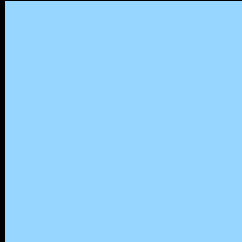
Large Text (above 18pt) WCAG AA × Fail

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 200.4240, 26.9060, -43.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

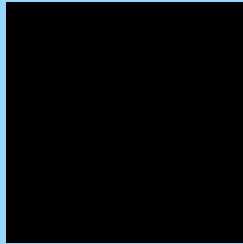
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.4240, 26.9060, -43.3448

Background



This preview shows how black text looks on a background with the YUV color 200.4240, 26.9060, -43.3448.



This preview shows how white text looks on a background with the YUV color 200.4240, 26.9060, -43.3448.

-43.3448.

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

200.4240, 26.9060, -43.3448

Protanopia

206.9230, 20.2510, -8.7025

Deuteranopia

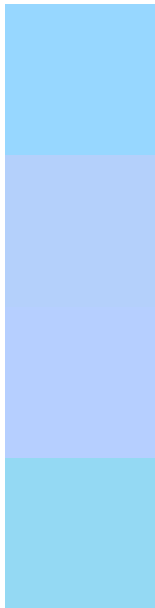
207.4440, 23.4451, -6.5284



Tritanopia

198.5240, 18.4757, -46.0635

Trichromacy



Original Color

200.4240, 26.9060, -43.3448

Protanomaly

204.5300, 22.9097, -21.5128

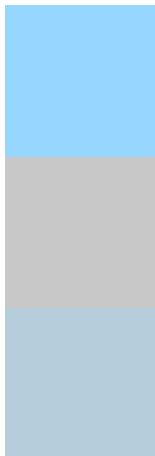
Deuteranomaly

204.9970, 24.6515, -20.1684

Tritanomaly

199.3330, 21.5278, -45.0190

Monochromacy



Original Color

200.4240, 26.9060, -43.3448

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.8330, 9.9423, -15.6395

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.4240, 26.9060, -43.3448 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(151, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 215, 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(151, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 215, 255) }
```

Border

The CSS property to change the border of an element to YUV 200.4240, 26.9060, -43.3448 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(151, 215, 255) }
```


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

```
.border{ border-color:rgb(151, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 215,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 200.4240, 26.9060, -43.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 215, 255) }
```

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

```
.background{ background-color: rgb(151,  
215, 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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