

# Converting Colors

YUV(204.4340, 24.9290,  
-62.6476)

Have a look what the booklet for  
YUV(204.4340, 24.9290, -62.6476)  
contains.

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# Color

**YUV(204.4340, 24.9290,  
-62.6476)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85E7FF
RGB	133, 231, 255
RGB Percent	52%, 91%, 100%
CMY	0.4784, 0.0941, 0.0000
CMYK	0.48, 0.09, 0.00, 0.00
HSL	192°, 100%, 76%
HSV	192°, 48%, 100%
XYZ	56.2988, 69.3584, 105.0280
YIQ	204.4340, -66.1120, -13.3120

# Conversions

## Conversions Part 2

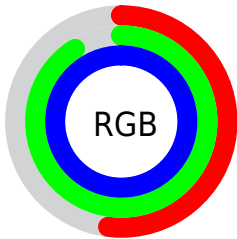
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 187, 255
Decimal	8775679
CIELab	86.68, -22.68, -20.57
CIELCh	87, 30.622, 222.212
Yxy	69.3584, 0.2441, 0.3007
Android (android.graphics.Color)	4286965759 (0xFF85E7FF)
YUV	204.4340, 24.9290, -62.6476
Hunter-Lab	83.2817, -25.0761, -16.4745

# Details

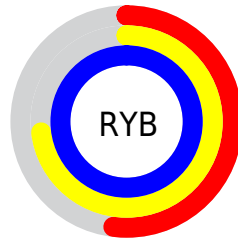
The YUV color **204.4340, 24.9290, -62.6476** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **183.5660, -24.9290, 62.6476**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1630, 9.2866, -38.7310**, and **146.8250, 25.2293, -65.6215** is the 20% darker color. If you saturate the color by 10%, you get **194.0240, 30.0612, -75.4430**, and if you desaturate by 10%, it is **215.1430, 19.6495, -49.2374**.

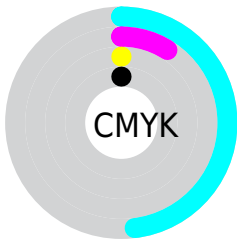
# Distribution



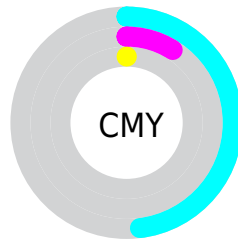
- Red (52%)
- Green (91%)
- Blue (100%)



- Red (52%)
- Yellow (73%)
- Blue (100%)



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 204.4340, 24.9290, -62.6476 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 204.4340, 24.9290, -62.6476 by changing the saturation by 10% instead.



204.4340, 24.9290,  
-62.6476

204.4340, 24.9290,  
-62.6476

255.0000, 0.0000,  
0.0000

175.7220, 24.7871,  
-63.7772

236.1630, 9.2866,  
-38.7310

146.8250, 25.2293,  
-65.6215

245.1330, 4.8644,  
-20.2876

116.5360, 26.8508,  
-72.3841

254.1030, 0.4422,  
-1.8443

88.0300, 27.5932,  
-77.2023

70.5050, 23.9080,  
-61.8329

53.5670, 19.9335,  
-46.9783

37.3300, 16.1063,

-32.7384

■ 23.6690, 11.9952,  
-20.7577

■ 3.6650, 11.5042,  
-3.2142

■ 204.4340, 24.9290,  
-62.6476

■ 204.4340, 24.9290,  
-62.6476

■ 194.0240, 30.0612,  
-75.4430

■ 215.1430, 19.6495,  
-49.2374

■ 183.3150, 35.3407,  
-88.8533

■ 225.5530, 14.5174,  
-36.4420

■ 172.9050, 40.4728,  
-101.6487

■ 236.2620, 9.2378,  
-23.0318

■ 162.1960, 45.7524,  
-115.0589

■ 246.6720, 4.1057,  
-10.2363

■ 151.7860, 50.8845, 255.0000, 0.0000,  
-127.8543 0.0000

■ 149.4050, 52.0583,  
-131.0282

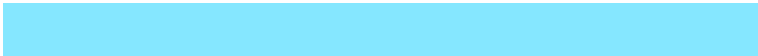
# Harmonies

## Analogous

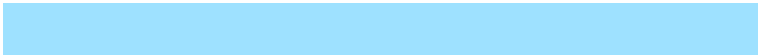
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203.4270, 12.1145, -59.1335



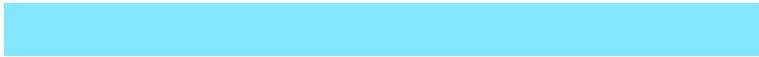
204.4340, 24.9290, -62.6476



208.3870, 22.9802, -44.1894

# Triad

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



204.4340, 24.9290, -62.6476



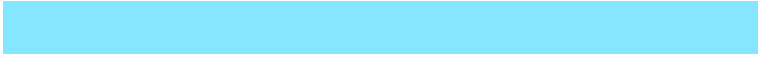
219.2610, 7.7593, 31.3431



214.3670, -26.8029, 10.2021

# Complementary

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



204.4340, 24.9290, -62.6476



183.5660, -24.9290, 62.6476

# 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.



217.0970, -27.1628, 32.3639



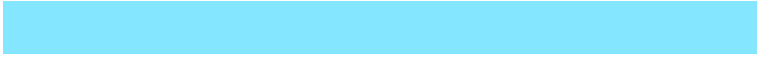
204.4340, 24.9290, -62.6476



214.7810, -4.3290, 35.2721

# Square

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



204.4340, 24.9290, -62.6476



220.5560, 16.9809, 13.5444



214.0510, -17.2801, 35.9123



210.6780, -18.5753, -15.5036

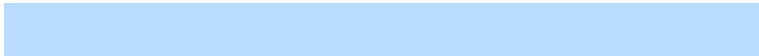


# Rectangle

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



204.4340, 24.9290, -62.6476



212.6390, 20.8840, -25.1164



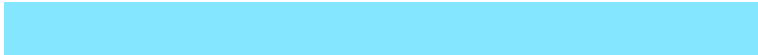
214.0510, -17.2801, 35.9123



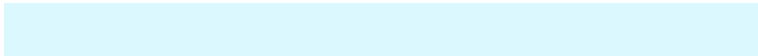
215.4820, -27.8456, 17.9943

# Sweetspot

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



204.4340, 24.9290, -62.6476



240.1270, 7.3324, -18.5284



207.1220, -25.6961, -65.0050



118.4870, 4.6899, -10.9511



0.0000, 0.0000, 0.0000

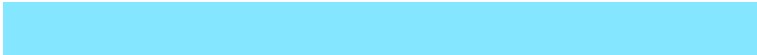


128.0000, 0.0000, 0.0000



# Same Dimension

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



204.4340, 24.9290, -62.6476



194.6220, 29.7664, -74.2135



169.8010, 42.0031, -32.2745



122.3520, 2.7845, -6.4477



112.1720, 38.8622, -98.3748



37.2330, 13.1961, -32.6533



# Inverse Universe

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



180.6500, 24.8226, 65.2050



166.5790, 29.2946, 77.5452



218.1990, -42.0031, 32.2745



120.0270, 2.4517, 6.9923



74.6650, 39.1122, 102.0258

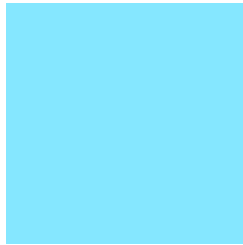


24.9500, 12.8427, 34.2468



# Previews

## White Background



This preview shows how the YUV color 204.4340, 24.9290, -62.6476 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

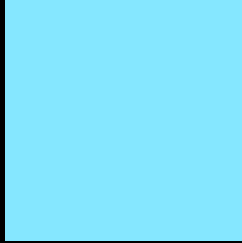
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 204.4340, 24.9290, -62.6476 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

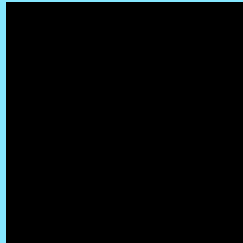
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 204.4340, 24.9290, -62.6476

## Background



This preview shows how black text looks on a background with the YUV color 204.4340, 24.9290, -62.6476.



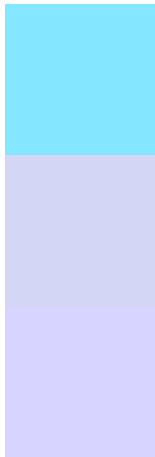
This preview shows how white text looks on a background with the YUV color 204.4340, 24.9290, -62.6476.

-62.6476.

# 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

204.4340, 24.9290, -62.6476

### Protanopia

216.5230, 13.5462, -4.8437

### Deuteranopia

217.7990, 18.3401, -2.4547



## Tritanopia

204.1520, 22.6031, -63.2773

# Trichromacy



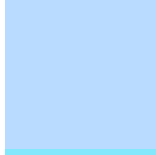
## Original Color

204.4340, 24.9290, -62.6476



## Protanomaly

212.1290, 17.6844, -25.5461



## Deuteranomaly

212.9380, 20.7366, -24.5016



## Tritanomaly

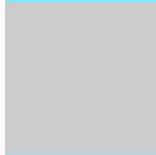
204.3800, 23.4767, -63.4773

# Monochromacy



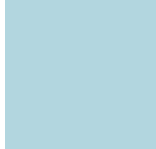
## Original Color

204.4340, 24.9290, -62.6476



## Achromatopsia

204.0000, 0.0000, 0.0000



## Achromatomaly

204.2620, 9.2378, -23.0318

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.4340, 24.9290, -62.6476 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(133, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 231, 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(133, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 231, 255) }
```

## Border

The CSS property to change the border of an element to YUV 204.4340, 24.9290, -62.6476 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(133, 231, 255) }
```



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

```
.border{ border-color:rgb(133, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 231,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 204.4340, 24.9290, -62.6476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 231, 255) }
```

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

```
.background{ background-color: rgb(133,  
231, 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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