

# Converting Colors

YUV(182.7270, 17.3896,  
-24.3166)

Have a look what the booklet for  
YUV(182.7270, 17.3896, -24.3166)  
contains.

<b>YUV(182.7270, 17.3896, -24.3166)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(182.7270, 17.3896,  
-24.3166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BBEDA
RGB	155, 190, 218
RGB Percent	61%, 75%, 85%
CMY	0.3922, 0.2549, 0.1451
CMYK	0.29, 0.13, 0.00, 0.15
HSL	207°, 46%, 73%
HSV	207°, 29%, 85%
XYZ	44.5859, 48.8574, 73.4102
YIQ	182.7270, -29.8480, 1.2880

# Conversions

## Conversions Part 2

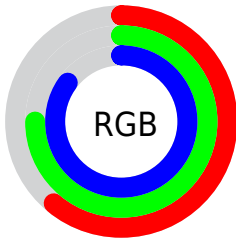
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 178, 218
Decimal	10206938
CIELab	75.36, -5.31, -17.85
CIELCh	75, 18.623, 253.448
Yxy	48.8574, 0.2672, 0.2928
Android (android.graphics.Color)	4288397018 (0xFF9BBEDA)
YUV	182.7270, 17.3896, -24.3166
Hunter-Lab	69.8981, -8.4618, -13.3404

# Details

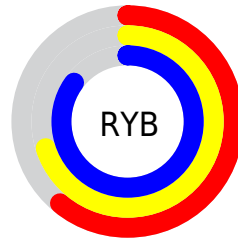
The YUV color **182.7270, 17.3896, -24.3166** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **190.2730, -17.3896, 24.3166**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.5610, 9.0904, -22.4170**, and **129.4990, 16.5160, -24.1166** is the 20% darker color. If you saturate the color by 10%, you get **170.2790, 23.5265, -32.6937**, and if you desaturate by 10%, it is **195.1750, 11.2527, -15.9395**.

# Distribution



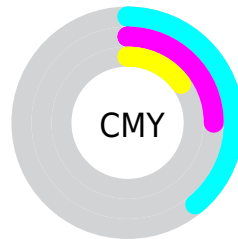
- Red (61%)
- Green (75%)
- Blue (85%)



- Red (61%)
- Yellow (70%)
- Blue (85%)



- Cyan (29%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (25%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 182.7270, 17.3896, -24.3166 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 182.7270, 17.3896, -24.3166 by changing the saturation by 10% instead.



■ 182.7270, 17.3896,  
-24.3166

■ 182.7270, 17.3896,  
-24.3166

■ 255.0000, 0.0000,  
0.0000

■ 155.6130, 16.9528,  
-24.2166

■ 236.5610, 9.0904,  
-22.4170

■ 129.4990, 16.5160,  
-24.1166

■ 250.2160, 2.3585,  
-9.8364

■ 103.4990, 16.5160,  
-24.1166

■ 78.9720, 15.7898,  
-24.5314

■ 54.9610, 15.7952,  
-26.2758

■ 31.8360, 15.3639,  
-27.9202

■ 17.5880, 11.5421,

-15.4247

■ 2.9810, 8.8834,  
-2.6143

■ 0.0000, 0.0000,  
0.0000

■ 182.7270, 17.3896,  
-24.3166

■ 182.7270, 17.3896,  
-24.3166

■ 170.2790, 23.5265,  
-32.6937

■ 195.1750, 11.2527,  
-15.9395

■ 158.4180, 29.3739,  
-41.5856

■ 207.0360, 5.4053,  
-7.0476

■ 146.2690, 35.3634,  
-49.3479

■ 219.1850, -0.5842,  
0.7148

■ 133.8210, 41.5002,  
-57.7250

■ 231.6330, -6.7211,  
9.0919

■ 121.9600, 47.3477,  
-66.6169

■ 240.8030,  
-11.2419, 12.4508

■ 109.5120, 53.4846,  
-74.9940

■ 246.6730,  
-14.1358, 7.3028

■ 97.0640, 59.6214,  
-83.3711

■ 250.7820,  
-16.1615, 3.6992

■ 95.8790, 60.2057,  
-84.0859

# Harmonies

## Analogous

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



180.1620, 14.2171, -33.4681



182.7270, 17.3896, -24.3166



185.5980, 16.4672, -8.4174

# Triad

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



182.7270, 17.3896, -24.3166



188.8080, -5.3283, 29.1094



182.0730, -10.8820, -9.7110

# Complementary

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



182.7270, 17.3896, -24.3166



190.2730, -17.3896, 24.3166

# 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.



184.2060, -15.8776, 5.9583



182.7270, 17.3896, -24.3166



187.3750, -12.0169, 27.7351

# Square

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



182.7270, 17.3896, -24.3166



189.0550, 3.4239, 21.8768



185.8810, -16.2103, 19.3984



180.1620, -2.5449, -23.8211



# Rectangle

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



182.7270, 17.3896, -24.3166



187.7520, 12.9403, 2.8485



185.8810, -16.2103, 19.3984



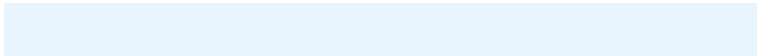
182.6500, -12.6454, -4.0780

# Sweetspot

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



182.7270, 17.3896, -24.3166



242.2530, 6.2843, -8.9919



195.0590, -6.4381, -35.1317



119.4060, 4.2368, -5.6181



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

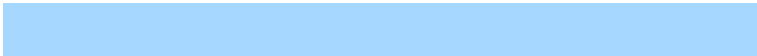


# Same Dimension

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



182.7270, 17.3896, -24.3166



204.9090, 24.6949, -34.1232



164.5300, 26.3607, -8.3578



103.7760, 3.0684, -4.1886



76.0740, 47.7845, -66.7169



19.9190, 12.8579, -17.4690



# Inverse Universe

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



177.8270, 6.0013, 35.2317



198.1970, 8.2839, 49.8162



208.4700, -26.3607, 8.3578



102.9730, 0.9993, 6.1627



62.6710, 16.4312, 96.7585

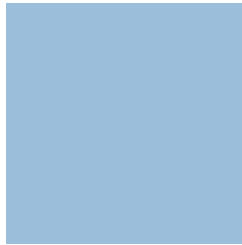


16.7180, 4.5760, 25.6803



# Previews

## White Background



This preview shows how the YUV color 182.7270, 17.3896, -24.3166 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

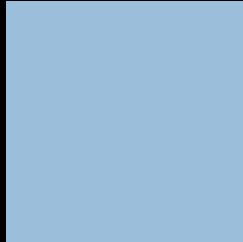
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 182.7270, 17.3896, -24.3166 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

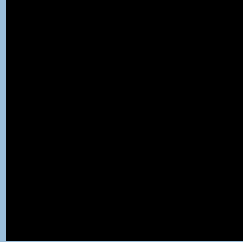
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

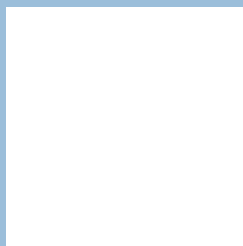
Any Text WCAG AAA ✓ Pass

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

# YUV 182.7270, 17.3896, -24.3166 Background



This preview shows how black text looks on a background with the YUV color 182.7270, 17.3896, -24.3166.



This preview shows how white text looks on a background with the YUV color 182.7270, 17.3896, -24.3166.

-24.3166.

# 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

182.7270, 17.3896, -24.3166

### Protanopia

186.2240, 13.6936, -5.4584

### Deuteranopia

186.9410, 16.2981, -0.8253



## Tritanopia

182.0490, 12.3008, -25.4760

# Trichromacy



## Original Color

182.7270, 17.3896, -24.3166

## Protanomaly

184.8210, 14.8782, -12.1210

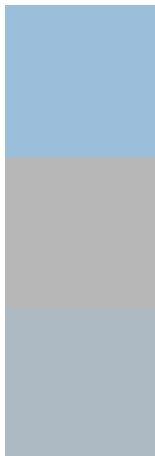
## Deuteranomaly

185.2990, 16.6146, -9.0322

## Tritanomaly

182.2170, 14.1900, -24.7463

# Monochromacy



## Original Color

182.7270, 17.3896, -24.3166

## Achromatopsia

183.0000, 0.0000, 0.0000

## Achromatomaly

183.2530, 6.2843, -8.9919

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 182.7270, 17.3896, -24.3166 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(155, 190, 218)` looks like.

```
.text, #text, p{  
    color:rgb(155, 190, 218)  
}
```

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(155, 190, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 190, 218) }
```

## Border

The CSS property to change the border of an element to YUV 182.7270, 17.3896, -24.3166 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(155, 190, 218) }
```



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

```
.border{ border-color:rgb(155, 190, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 190, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 190, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 190, 218);  
box-shadow:4px 4px 4px 4px rgb(155, 190,  
218) }
```

# Background

The CSS property to change the background color of an element to YUV 182.7270, 17.3896, -24.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 190, 218) }
```

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

```
.background{ background-color: rgb(155,  
190, 218) }
```

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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