

# Converting Colors

YUV(180.2430, 18.1212,  
-25.6461)

Have a look what the booklet for  
YUV(180.2430, 18.1212, -25.6461)  
contains.

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# Color

**YUV(180.2430, 18.1212,  
-25.6461)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97BCD9
RGB	151, 188, 217
RGB Percent	59%, 74%, 85%
CMY	0.4078, 0.2627, 0.1490
CMYK	0.30, 0.13, 0.00, 0.15
HSL	206°, 46%, 72%
HSV	206°, 30%, 85%
XYZ	43.2701, 47.5555, 72.5442
YIQ	180.2430, -31.3610, 1.1750

# Conversions

## Conversions Part 2

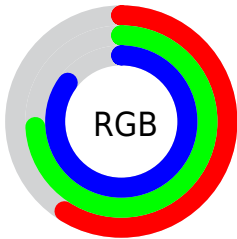
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 175, 217
Decimal	9944281
CIELab	74.54, -5.64, -18.57
CIELCh	75, 19.407, 253.118
Yxy	47.5555, 0.2649, 0.2911
Android (android.graphics.Color)	4288134361 (0xFF97BCD9)
YUV	180.2430, 18.1212, -25.6461
Hunter-Lab	68.9605, -8.6789, -14.0988

# Details

The YUV color **180.2430, 18.1212, -25.6461** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **187.7570, -18.1212, 25.6461**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.1910, 10.2588, -23.8465**, and **127.0150, 17.2476, -25.4462** is the 20% darker color. If you saturate the color by 10%, you get **167.7950, 24.2581, -34.0232**, and if you desaturate by 10%, it is **192.6910, 11.9843, -17.2690**.

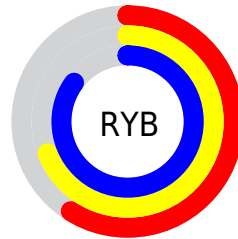
# Distribution



Red (59%)

Green (74%)

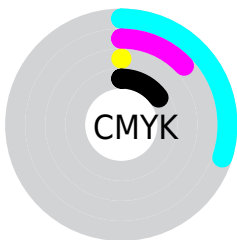
Blue (85%)



Red (59%)

Yellow (69%)

Blue (85%)

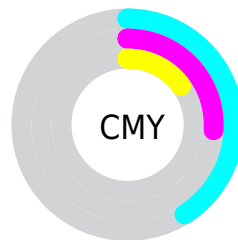


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (15%)



Cyan (41%)

Magenta (26%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 180.2430, 18.1212, -25.6461 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 180.2430, 18.1212, -25.6461 by changing the saturation by 10% instead.



■ 180.2430, 18.1212,  
-25.6461

■ 180.2430, 18.1212,  
-25.6461

255.0000, 0.0000,  
0.0000

■ 153.1290, 17.6844,  
-25.5461

■ 234.1910, 10.2588,  
-23.8465

■ 127.0150, 17.2476,  
-25.4462

■ 249.0200, 2.9481,  
-12.2955

■ 101.6020, 16.9582,  
-25.9610

■ 76.4880, 16.5214,  
-25.8610

■ 51.8790, 16.8217,  
-28.8349

■ 30.6620, 15.9426,  
-26.8906

■ 16.4140, 12.1209,

-14.3951

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 180.2430, 18.1212,  
-25.6461

■ 180.2430, 18.1212,  
-25.6461

■ 167.7950, 24.2581,  
-34.0232

■ 192.6910, 11.9843,  
-17.2690

■ 156.2330, 29.9581,  
-42.3003

■ 204.2530, 6.2843,  
-8.9919

■ 143.7850, 36.0950,  
-50.6774

■ 216.7010, 0.1474,  
-0.6148

■ 131.9240, 41.9425,  
-59.5693

■ 228.5620, -5.7001,  
8.2771

■ 119.7750, 47.9319,  
-67.3317

■ 239.5150,  
-11.0999, 13.5803

■ 107.9140, 53.7794,  
-76.2236

■ 244.7980,  
-13.7044, 8.9472

■ 96.3520, 59.4795,  
-84.5007

■ 250.6680,  
-16.5983, 3.7992

# Harmonies

## Analogous

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



177.2650, 14.6594, -35.3124



180.2430, 18.1212, -25.6461



183.4130, 17.0514, -9.1322

# Triad

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



180.2430, 18.1212, -25.6461



186.5200, -5.1864, 30.2390



179.9590, -11.3188, -9.6110

# Complementary

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



180.2430, 18.1212, -25.6461



187.7570, -18.1212, 25.6461

# 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.



182.0920, -16.3144, 6.0583



180.2430, 18.1212, -25.6461



185.5600, -12.6011, 28.4499

# Square

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



180.2430, 18.1212, -25.6461



186.7670, 3.5659, 23.0063



184.0660, -16.7945, 20.1131



177.7490, -2.8343, -24.3359



# Rectangle

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



180.2430, 18.1212, -25.6461



185.2790, 13.6665, 3.2633



184.0660, -16.7945, 20.1131



180.4220, -13.5190, -3.8781

# Sweetspot

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



180.2430, 18.1212, -25.6461



242.2530, 6.2843, -8.9919



193.0480, -6.4327, -36.8761



119.4060, 4.2368, -5.6181



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

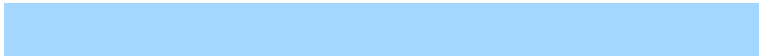


# Same Dimension

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



180.2430, 18.1212, -25.6461



204.0120, 25.1371, -35.9675



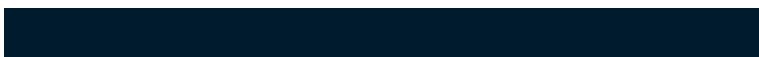
160.8720, 27.6711, -8.6577



103.7760, 3.0684, -4.1886



76.6610, 47.4951, -67.2317



20.5060, 12.5685, -17.9838



# Inverse Universe

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



174.9520, 6.4327, 36.8761



196.4360, 9.1521, 51.3606



207.1280, -27.6711, 8.6577



102.9730, 0.9993, 6.1627



62.7850, 16.8680, 96.6586

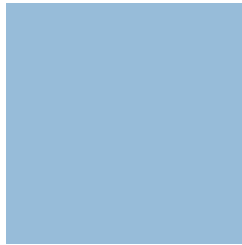


16.7180, 4.5760, 25.6803



# Previews

## White Background



This preview shows how the YUV color 180.2430, 18.1212, -25.6461 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

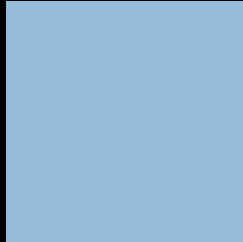
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 180.2430, 18.1212, -25.6461 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

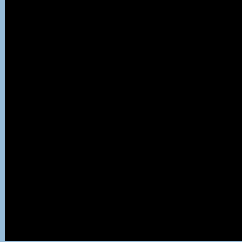
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

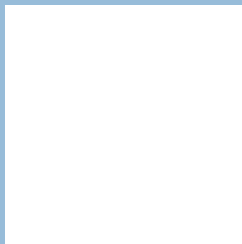
Any Text WCAG AAA ✓ Pass

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

# YUV 180.2430, 18.1212, -25.6461 Background



This preview shows how black text looks on a background with the YUV color 180.2430, 18.1212, -25.6461.



This preview shows how white text looks on a background with the YUV color 180.2430, 18.1212, -25.6461.

-25.6461.

# 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

180.2430, 18.1212, -25.6461

### Protanopia

183.4520, 14.5672, -5.6584

### Deuteranopia

184.7560, 16.8823, -1.5400



## Tritanopia

179.1520, 12.7431, -27.3203

# Trichromacy



## Original Color

180.2430, 18.1212, -25.6461

## Protanomaly

182.6360, 15.4625, -12.8358

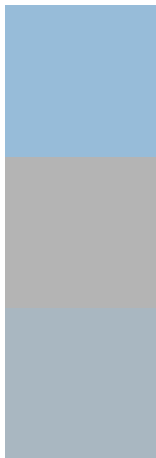
## Deuteranomaly

182.8150, 17.3462, -10.3618

## Tritanomaly

179.3200, 14.6322, -26.5906

# Monochromacy



## Original Color

180.2430, 18.1212, -25.6461

## Achromatopsia

180.0000, 0.0000, 0.0000

## Achromatomaly

179.9540, 6.4317, -9.6067

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 180.2430, 18.1212, -25.6461 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, 188, 217)` looks like.

```
.text, #text, p{  
    color:rgb(151, 188, 217)  
}
```

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, 188, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 188, 217) }
```

## Border

The CSS property to change the border of an element to YUV 180.2430, 18.1212, -25.6461 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, 188, 217) }
```



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

```
.border{ border-color:rgb(151, 188, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 188, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 188, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 188, 217);  
box-shadow:4px 4px 4px 4px rgb(151, 188,  
217) }
```

# Background

The CSS property to change the background color of an element to YUV 180.2430, 18.1212, -25.6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 188, 217) }
```

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

```
.background{ background-color: rgb(151,  
188, 217) }
```

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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