

Converting Colors

YUV(175.3030, 17.1056,
-26.5757)

Have a look what the booklet for
YUV(175.3030, 17.1056, -26.5757)
contains.

YUV(175.3030, 17.1056, -26.5757)	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(175.3030, 17.1056,
-26.5757)**

Conversions

Conversions Part 1

Format	Color
Hex	91B8D2
RGB	145, 184, 210
RGB Percent	57%, 72%, 82%
CMY	0.4314, 0.2784, 0.1765
CMYK	0.31, 0.12, 0.00, 0.18
HSL	204°, 42%, 70%
HSV	204°, 31%, 82%
XYZ	40.4504, 44.9539, 67.5178
YIQ	175.3030, -31.5900, -0.1820

Conversions

Conversions Part 2

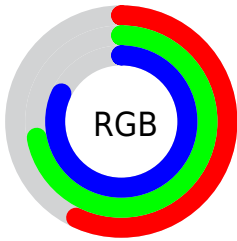
Format	Color
RYB	145, 169, 210
Decimal	9550034
CIELab	72.86, -6.93, -17.34
CIELCh	73, 18.672, 248.220
Yxy	44.9539, 0.2645, 0.2940
Android (android.graphics.Color)	4287740114 (0xFF91B8D2)
YUV	175.3030, 17.1056, -26.5757
Hunter-Lab	67.0476, -9.6428, -12.7724

Details

The YUV color $175.3030, 17.1056, -26.5757$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $179.6970, -17.1056, 26.5757$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.7500, 12.4482, -26.0907$, and $122.0750, 16.2320, -26.3758$ is the 20% darker color. If you saturate the color by 10%, you get $164.3280, 22.5163, -35.3677$, and if you desaturate by 10%, it is $186.2780, 11.6949, -17.7838$.

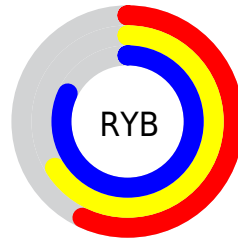
Distribution



Red (57%)

Green (72%)

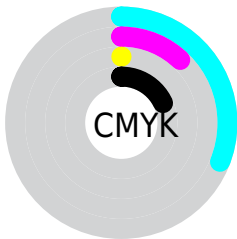
Blue (82%)



Red (57%)

Yellow (66%)

Blue (82%)

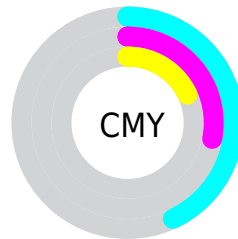


Cyan (31%)

Magenta (12%)

Yellow (0%)

Black (18%)



Cyan (43%)

Magenta (28%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3030, 17.1056, -26.5757 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 175.3030, 17.1056, -26.5757 by changing the saturation by 10% instead.

■ 175.3030, 17.1056,
-26.5757

■ 175.3030, 17.1056,
-26.5757

255.0000, 0.0000,
0.0000

■ 148.1890, 16.6688,
-26.4758

■ 229.7500, 12.4482,
-26.0907

■ 122.0750, 16.2320,
-26.3758

■ 247.2260, 3.8326,
-15.9842

■ 96.9610, 15.7952,
-26.2758

■ 72.2490, 15.6532,
-27.4054

■ 47.3410, 16.1009,
-30.9941

■ 28.2170, 14.1900,
-24.7463

■ 13.4960, 11.0945,

-11.8360

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 175.3030, 17.1056,
-26.5757

■ 175.3030, 17.1056,
-26.5757

■ 164.3280, 22.5163,
-35.3677

■ 186.2780, 11.6949,
-17.7838

■ 152.7660, 28.2164,
-43.6448

■ 197.8400, 5.9949,
-9.5067

■ 141.7910, 33.6270,
-52.4367

■ 208.8150, 0.5842,
-0.7148

■ 130.2290, 39.3271,
-60.7138

■ 220.3770, -5.1159,
7.5624

■ 119.2540, 44.7378,
-69.5058

■ 231.3520,
-10.5265, 16.3543

■ 108.2790, 50.1485,
-78.2977

■ 237.5430,
-13.5787, 15.3098

■ 97.9020, 55.2643,
-85.8601

■ 242.8260,
-16.1832, 10.6766

■ 247.5220,
-18.4983, 6.5582

■ 249.8700,
-19.6559, 4.4990

Harmonies

Analogous

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



173.1080, 12.7648, -34.2977



175.3030, 17.1056, -26.5757



178.8750, 16.3306, -11.2914

Triad

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



175.3030, 17.1056, -26.5757



181.9650, -3.4337, 28.0947



175.5680, -11.6190, -6.6371

Complementary

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



175.3030, 17.1056, -26.5757



179.6970, -17.1056, 26.5757

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.



177.5160, -16.0304, 8.3175



175.3030, 17.1056, -26.5757



180.9020, -11.2907, 28.1499

Square

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



175.3030, 17.1056, -26.5757



181.7990, 5.0291, 20.3473



179.1200, -15.3422, 20.9428



173.8310, -3.8607, -21.7768

Rectangle

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



175.3030, 17.1056, -26.5757



180.6700, 13.9667, 0.2894



179.1200, -15.3422, 20.9428



176.7320, -13.6719, -1.5190

Sweetspot

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



175.3030, 17.1056, -26.5757



242.8400, 5.9949, -9.5067



186.1190, -7.4537, -36.0614



119.9930, 3.9475, -6.1329



0.0000, 0.0000, 0.0000



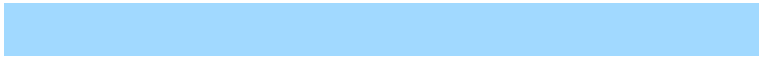
128.0000, 0.0000, 0.0000

Same Dimension

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



175.3030, 17.1056, -26.5757



204.5880, 24.8531, -38.2267



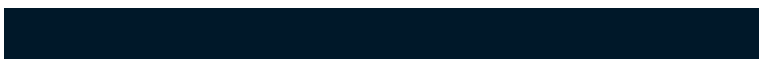
155.9320, 26.6555, -9.5874



98.7760, 3.0684, -4.1886



78.4390, 44.1536, -68.7910



18.7620, 10.9633, -16.4543

Inverse Universe

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



168.8810, 7.4537, 36.0614



195.4900, 10.6044, 52.1903



198.4810, -26.3661, 10.1022



97.9730, 0.9993, 6.1627



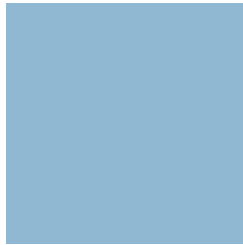
61.7460, 19.3522, 93.1848



14.9950, 4.4395, 22.8064

Previews

White Background



This preview shows how the YUV color 175.3030, 17.1056, -26.5757 looks on a white background.

Color Contrast Check

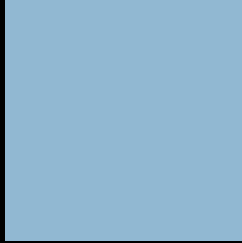
Large Text (above 18pt) WCAG AA × Fail

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 175.3030, 17.1056, -26.5757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

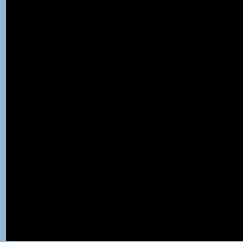
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.3030, 17.1056, -26.5757

Background



This preview shows how black text looks on a background with the YUV color 175.3030, 17.1056, -26.5757.



This preview shows how white text looks on a background with the YUV color 175.3030, 17.1056, -26.5757.

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

175.3030, 17.1056, -26.5757

Protanopia

178.9960, 12.8200, -5.2585

Deuteranopia

179.8270, 15.8613, -0.7253



Tritanopia

174.7390, 12.4537, -27.8351

Trichromacy



Original Color

175.3030, 17.1056, -26.5757

Protanomaly

177.9950, 14.2995, -13.1506

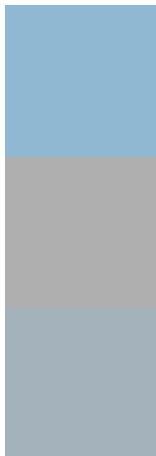
Deuteranomaly

178.4730, 16.0358, -10.0618

Tritanomaly

174.9070, 14.3428, -27.1054

Monochromacy



Original Color

175.3030, 17.1056, -26.5757

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.9540, 6.4317, -9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3030, 17.1056, -26.5757 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(145, 184, 210)` looks like.

```
.text, #text, p{  
    color:rgb(145, 184, 210)  
}
```

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(145, 184, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 184, 210) }
```

Border

The CSS property to change the border of an element to YUV 175.3030, 17.1056, -26.5757 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(145, 184, 210) }
```


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

```
.border{ border-color:rgb(145, 184, 210) }
```

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

Here you see how a box with a 4 pixel rgb(145, 184, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 184, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 184, 210);  
box-shadow:4px 4px 4px 4px rgb(145, 184,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 175.3030, 17.1056, -26.5757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 184, 210) }
```

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

```
.background{ background-color: rgb(145,  
184, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor