

Converting Colors

YUV(175.2570, 26.9883,
-23.0274)

Have a look what the booklet for
YUV(175.2570, 26.9883, -23.0274)
contains.

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Color

**YUV(175.2570, 26.9883,
-23.0274)**

Conversions

Conversions Part 1

Format	Color
Hex	95B2E6
RGB	149, 178, 230
RGB Percent	58%, 70%, 90%
CMY	0.4157, 0.3020, 0.0980
CMYK	0.35, 0.23, 0.00, 0.10
HSL	219°, 62%, 74%
HSV	219°, 35%, 90%
XYZ	42.5977, 43.9435, 81.0997
YIQ	175.2570, -33.9760, 10.0240

Conversions

Conversions Part 2

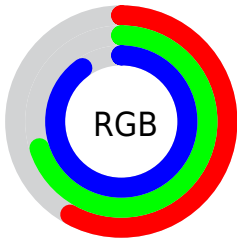
Format	Color
R _Y B	149, 170, 230
Decimal	9810662
CIE Lab	72.19, 2.50, -29.24
CIE LCh	72, 29.348, 274.894
Yxy	43.9435, 0.2541, 0.2621
Android (android.graphics.Color)	4288000742 (0xFF95B2E6)
YUV	175.2570, 26.9883, -23.0274
Hunter-Lab	66.2899, -1.3036, -26.1330

Details

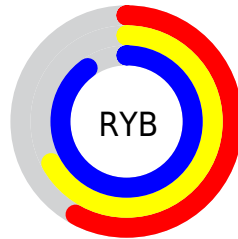
The YUV color $175.2570, 26.9883, -23.0274$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $203.7430, -26.9883, 23.0274$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.7230, 13.4476, -19.9281$, and $122.2030, 25.5359, -23.8570$ is the 20% darker color. If you saturate the color by 10%, you get $159.5750, 34.7195, -29.4453$, and if you desaturate by 10%, it is $190.9390, 19.2571, -16.6095$.

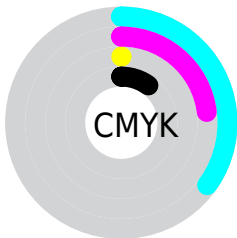
Distribution



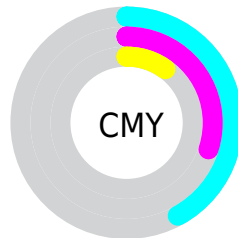
- Red (58%)
- Green (70%)
- Blue (90%)



- Red (58%)
- Yellow (67%)
- Blue (90%)



- Cyan (35%)
- Magenta (23%)
- Yellow (0%)
- Black (10%)



- Cyan (42%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2570, 26.9883, -23.0274 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 175.2570, 26.9883, -23.0274 by changing the saturation by 10% instead.

■ 175.2570, 26.9883,
-23.0274

■ 175.2570, 26.9883,
-23.0274

255.0000, 0.0000,
0.0000

■ 148.1430, 26.5515,
-22.9274

■ 227.7230, 13.4476,
-19.9281

■ 122.2030, 25.5359,
-23.8570

■ 248.7210, 3.0955,
-12.9103

■ 96.7900, 25.2465,
-24.3718

■ 71.3660, 24.9626,
-26.6310

■ 44.5500, 25.8579,
-33.8083

■ 27.6930, 22.3364,
-24.2868

■ 11.5700, 18.9460,

-10.1469

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 175.2570, 26.9883,
-23.0274

■ 175.2570, 26.9883,
-23.0274

■ 159.5750, 34.7195,
-29.4453

■ 190.9390, 19.2571,
-16.6095

■ 143.8930, 42.4508,
-35.8632

■ 206.6210, 11.5258,
-10.1916

■ 128.7980, 49.8926,
-42.7958

■ 221.7160, 4.0840,
-3.2589

■ 113.1160, 57.6238,
-49.2137

■ 237.3980, -3.6472,
3.1590

■ 97.4340, 65.3550,
-55.6316

■ 250.3890,
-10.0518, 4.0438

■ 81.7520, 73.0863,
-62.0495

■ 252.1500,
-10.9200, 2.4994

■ 74.3540, 76.7335,
-65.2085

Harmonies

Analogous

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



168.3200, 27.9432, -49.3926



175.2570, 26.9883, -23.0274



180.3100, 20.0602, 5.8671

Triad

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



175.2570, 26.9883, -23.0274



179.2630, -15.4127, 43.6193



168.4400, -7.6119, -31.9579

Complementary

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



175.2570, 26.9883, -23.0274



203.7430, -26.9883, 23.0274

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.



172.3800, -19.9073, -8.2263



175.2570, 26.9883, -23.0274



177.6070, -23.9633, 32.7937

Square

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



175.2570, 26.9883, -23.0274



180.7650, -3.3351, 43.1791



175.3290, -25.7982, 14.6205



164.4340, 8.1670, -53.0006

Rectangle

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



175.2570, 26.9883, -23.0274



181.2860, 13.1700, 22.5512



175.3290, -25.7982, 14.6205



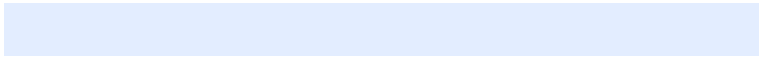
169.3440, -12.0016, -23.9807

Sweetspot

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



175.2570, 26.9883, -23.0274



236.0620, 9.3364, -7.9474



202.3610, -1.1640, -46.7976



116.4600, 5.6892, -4.7884



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.



175.2570, 26.9883, -23.0274



182.5040, 35.7405, -30.2600



161.5230, 33.7592, -1.3357



106.7160, 4.0840, -3.2589



57.9740, 59.6658, -50.8432



16.3800, 17.0677, -14.3653

Inverse Universe

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



176.5250, 0.7272, 46.8976



184.3250, 0.8258, 61.9820



217.4770, -33.7592, 1.3357



107.0440, -0.0217, 6.9774



60.8170, 1.5692, 103.6465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 175.2570, 26.9883, -23.0274 looks on a white background.

Color Contrast Check

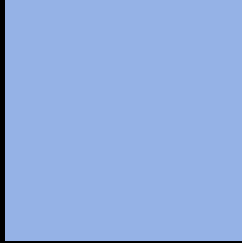
Large Text (above 18pt) WCAG AA × Fail

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 175.2570, 26.9883, -23.0274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

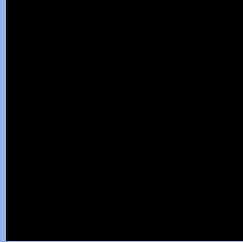
Any Text WCAG AA ✓ Pass

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 175.2570, 26.9883, -23.0274 Background



This preview shows how black text looks on a background with the YUV color 175.2570, 26.9883, -23.0274.



This preview shows how white text looks on a background with the YUV color 175.2570, 26.9883, -23.0274.

-23.0274.

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

175.2570, 26.9883, -23.0274

Protanopia

177.4540, 24.9192, -12.6762

Deuteranopia

177.5080, 26.3716, -11.8465



Tritanopia

173.0380, 12.3063, -27.2203

Trichromacy



Original Color

175.2570, 26.9883, -23.0274

Protanomaly

176.6600, 25.8036, -16.3648

Deuteranomaly

176.6000, 26.8192, -15.4352

Tritanomaly

174.1290, 17.6844, -25.5461

Monochromacy



Original Color

175.2570, 26.9883, -23.0274

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.1760, 9.7732, -8.0474

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2570, 26.9883, -23.0274 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(149, 178, 230)` looks like.

```
.text, #text, p{  
    color:rgb(149, 178, 230)  
}
```

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(149, 178, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 178, 230) }
```

Border

The CSS property to change the border of an element to YUV 175.2570, 26.9883, -23.0274 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(149, 178, 230) }
```


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

```
.border{ border-color:rgb(149, 178, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 178, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 178, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 178, 230);  
box-shadow:4px 4px 4px 4px rgb(149, 178,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 175.2570, 26.9883, -23.0274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 178, 230) }
```

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

```
.background{ background-color: rgb(149,  
178, 230) }
```

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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