

Converting Colors

YUV(175.3540, 29.8985,
-23.1125)

Have a look what the booklet for
YUV(175.3540, 29.8985, -23.1125)
contains.

YUV(175.3540, 29.8985, -23.1125)	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(175.3540, 29.8985,
-23.1125)**

Conversions

Conversions Part 1

Format	Color
Hex	95B1EC
RGB	149, 177, 236
RGB Percent	58%, 69%, 93%
CMY	0.4157, 0.3059, 0.0745
CMYK	0.37, 0.25, 0.00, 0.07
HSL	221°, 70%, 75%
HSV	221°, 37%, 93%
XYZ	43.2569, 43.8900, 85.5486
YIQ	175.3540, -35.6270, 12.4130

Conversions

Conversions Part 2

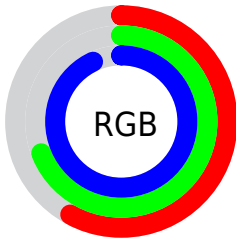
Format	Color
RYB	149, 170, 236
Decimal	9810412
CIELab	72.15, 4.62, -32.56
CIELCh	72, 32.885, 278.079
Yxy	43.8900, 0.2505, 0.2541
Android (android.graphics.Color)	4288000492 (0xFF95B1EC)
YUV	175.3540, 29.8985, -23.1125
Hunter-Lab	66.2495, 0.6130, -30.1871

Details

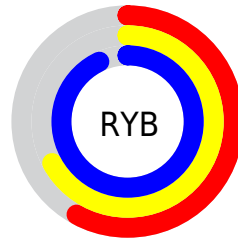
The YUV color **175.3540, 29.8985, -23.1125** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **209.6460, -29.8985, 23.1125**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5490, 14.0263, -18.8985**, and **122.3000, 28.4461, -23.9421** is the 20% darker color. If you saturate the color by 10%, you get **158.7860, 38.0665, -29.6303**, and if you desaturate by 10%, it is **191.9220, 21.7305, -16.5946**.

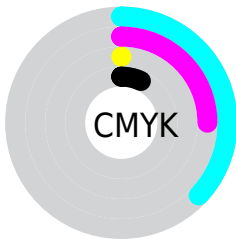
Distribution



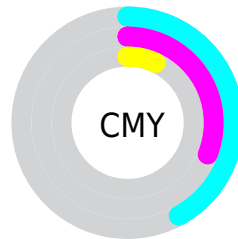
- Red (58%)
- Green (69%)
- Blue (93%)



- Red (58%)
- Yellow (67%)
- Blue (93%)



- Cyan (37%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (31%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3540, 29.8985, -23.1125 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 175.3540, 29.8985, -23.1125 by changing the saturation by 10% instead.

■ 175.3540, 29.8985,
-23.1125

■ 175.3540, 29.8985,
-23.1125

255.0000, 0.0000,
0.0000

■ 148.2400, 29.4617,
-23.0125

■ 226.5490, 14.0263,
-18.8985

■ 122.3000, 28.4461,
-23.9421

■ 248.7210, 3.0955,
-12.9103

■ 96.4740, 27.8673,
-24.9717

■ 70.7510, 27.7308,
-27.8456

■ 43.3260, 28.9263,
-37.9969

■ 28.1490, 24.0835,
-24.6867

■ 11.4390, 20.9826,

-10.0320

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 175.3540, 29.8985,
-23.1125

■ 175.3540, 29.8985,
-23.1125

■ 158.7860, 38.0665,
-29.6303

■ 191.9220, 21.7305,
-16.5946

■ 142.5170, 46.0871,
-35.5334

■ 208.1910, 13.7098,
-10.6915

■ 125.9490, 54.2551,
-42.0513

■ 224.7590, 5.5418,
-4.1736

■ 109.6800, 62.2758,
-47.9544

■ 241.0280, -2.4788,
1.7294

■ 93.1120, 70.4438,
-54.4722

■ 252.8340, -8.2992,
1.8996

■ 76.5440, 78.6118,
-60.9901

■ 71.5160, 81.0906,
-62.7195

Harmonies

Analogous

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



166.7260, 32.1801, -55.0107



175.3540, 29.8985, -23.1125



180.0870, 21.6491, 9.5707

Triad

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



175.3540, 29.8985, -23.1125



178.4870, -18.4811, 47.8079



166.4390, -6.1324, -39.8500

Complementary

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



175.3540, 29.8985, -23.1125



209.6460, -29.8985, 23.1125

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.



170.8310, -20.6227, -12.1298



175.3540, 29.8985, -23.1125



176.8200, -27.0263, 35.2379

Square

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



175.3540, 29.8985, -23.1125



180.3420, -5.0986, 48.8121



174.6340, -28.4136, 13.4760



160.5790, 11.5466, -63.6518

Rectangle

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



175.3540, 29.8985, -23.1125



181.4330, 13.5905, 27.6843



174.6340, -28.4136, 13.4760



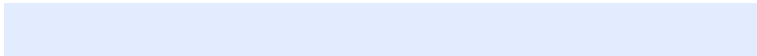
167.7130, -11.6905, -30.4433

Sweetspot

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



175.3540, 29.8985, -23.1125



235.4750, 9.6258, -7.4326



206.6810, 0.1573, -50.5862



115.8730, 5.9786, -4.2736



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.



175.3540, 29.8985, -23.1125



176.9000, 38.5033, -29.7303



163.1040, 35.9377, -0.0912



109.0150, 3.9366, -2.6442



54.6800, 62.2758, -47.9544



16.1350, 18.6674, -14.1504

Inverse Universe

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



178.2050, -0.5941, 50.6862



180.5920, -0.7849, 65.2558



221.5970, -35.7903, -0.5236



109.6310, -0.3111, 6.4626



60.7310, -1.3464, 105.4759



18.0840, -0.5344, 31.4983

Previews

White Background



This preview shows how the YUV color 175.3540, 29.8985, -23.1125 looks on a white background.

Color Contrast Check

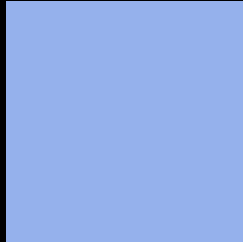
Large Text (above 18pt) WCAG AA × Fail

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 175.3540, 29.8985, -23.1125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

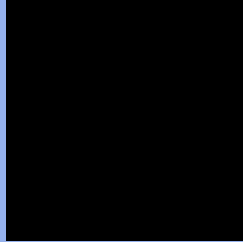
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.3540, 29.8985, -23.1125

Background



This preview shows how black text looks on a background with the YUV color 175.3540, 29.8985, -23.1125.



This preview shows how white text looks on a background with the YUV color 175.3540, 29.8985, -23.1125.

-23.1125.

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

175.3540, 29.8985, -23.1125

Protanopia

176.6540, 28.2716, -14.6056

Deuteranopia

176.9960, 29.5820, -14.9055



Tritanopia

172.5540, 13.0379, -28.5499

Trichromacy



Original Color

175.3540, 29.8985, -23.1125

Protanomaly

176.1590, 29.0086, -17.6794

Deuteranomaly

176.3870, 29.8822, -17.8794

Tritanomaly

173.1720, 19.1422, -26.4608

Monochromacy



Original Color

175.3540, 29.8985, -23.1125

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.4040, 10.6468, -8.2473

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3540, 29.8985, -23.1125 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, 177, 236)` looks like.

```
.text, #text, p{  
    color:rgb(149, 177, 236)  
}
```

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, 177, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 177, 236) }
```

Border

The CSS property to change the border of an element to YUV 175.3540, 29.8985, -23.1125 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, 177, 236) }
```


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

```
.border{ border-color:rgb(149, 177, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 177, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 177, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 177, 236);  
box-shadow:4px 4px 4px 4px rgb(149, 177,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 175.3540, 29.8985, -23.1125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 177, 236) }
```

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

```
.background{ background-color: rgb(149,  
177, 236) }
```

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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