

Converting Colors

YUV(175.2310, 29.9591, 4.1824)

Have a look what the booklet for
YUV(175.2310, 29.9591, 4.1824)
contains.

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Color

**YUV(175.2310, 29.9591,
4.1824)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A1EC
RGB	180, 161, 236
RGB Percent	71%, 63%, 93%
CMY	0.2941, 0.3686, 0.0745
CMYK	0.24, 0.32, 0.00, 0.07
HSL	255°, 66%, 78%
HSV	255°, 32%, 93%
XYZ	46.7076, 41.2492, 84.8570
YIQ	175.2310, -12.7510, 27.3530

Conversions

Conversions Part 2

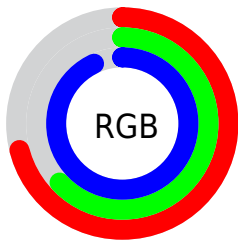
Format	Color
RYB	180, 161, 236
Decimal	11837932
CIELab	70.35, 22.37, -35.17
CIELCh	70, 41.682, 302.454
Yxy	41.2492, 0.2703, 0.2387
Android (android.graphics.Color)	4290028012 (0xFFB4A1EC)
YUV	175.2310, 29.9591, 4.1824
Hunter-Lab	64.2255, 17.4183, -33.3782

Details

The YUV color **175.2310, 29.9591, 4.1824** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **221.7690, -29.9591, -4.1824**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7250, 13.9396, 9.0112**, and **122.1770, 28.5067, 3.3528** is the 20% darker color. If you saturate the color by 10%, you get **155.7610, 39.5578, 5.4716**, and if you desaturate by 10%, it is **194.7010, 20.3604, 2.8932**.

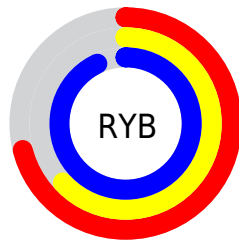
Distribution



Red (71%)

Green (63%)

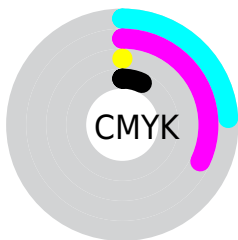
Blue (93%)



Red (71%)

Yellow (63%)

Blue (93%)

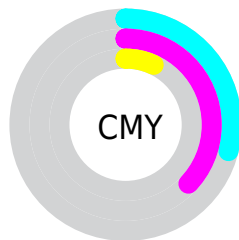


Cyan (24%)

Magenta (32%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (37%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2310, 29.9591, 4.1824 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 175.2310, 29.9591, 4.1824 by changing the saturation by 10% instead.

■ 175.2310, 29.9591,
4.1824

■ 175.2310, 29.9591,
4.1824

■ 255.0000, 0.0000,
0.0000

■ 148.7040, 29.2329,
3.7676

■ 226.7250, 13.9396,
9.0112

■ 122.1770, 28.5067,
3.3528

■ 248.5430, 3.1833,
5.6628

■ 97.2370, 27.4912,
2.4232

■ 72.9980, 26.6230,
0.8788

■ 49.0580, 25.6074,
-0.0509

■ 26.8080, 24.7447,
-3.3396

■ 7.0530, 23.1449,

-3.5545

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 175.2310, 29.9591,
4.1824

■ 175.2310, 29.9591,
4.1824

■ 155.7610, 39.5578,
5.4716

■ 194.7010, 20.3604,
2.8932

■ 137.1770, 48.7197,
6.8608

■ 213.2850, 11.1985,
1.5041

■ 117.7070, 58.3184,
8.1500

■ 232.7550, 1.5998,
0.2149

■ 99.1230, 67.4804,
9.5391

■ 251.3390, -7.5621,
-1.1743

■ 79.6530, 77.0791,
10.8283

■ 252.8340, -8.2992,
1.8996

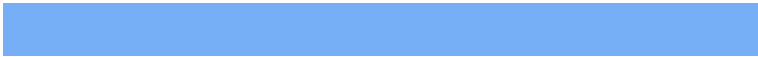
■ 60.1830, 86.6778,
12.1175

■ 44.8440, 94.2399,
13.2918

Harmonies

Analogous

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



166.4640, 39.7042, -41.6259



175.2310, 29.9591, 4.1824



176.9660, 15.2998, 39.4948

Triad

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



175.2310, 29.9591, 4.1824



171.8060, -32.4424, 45.7741



145.3970, 14.1013, -89.8022

Complementary

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



175.2310, 29.9591, 4.1824



221.7690, -29.9591, -4.1824

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.



158.4400, -11.0629, -45.1129



175.2310, 29.9591, 4.1824



168.9140, -36.4396, 21.1234

Square

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



175.2310, 29.9591, 4.1824



173.5210, -19.9769, 60.9331



164.9640, -29.0693, -9.6154



136.1710, 36.8907, -119.4220

Rectangle

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



175.2310, 29.9591, 4.1824



175.9650, 3.4683, 54.4047



164.9640, -29.0693, -9.6154



150.8030, 5.0271, -72.6182

Sweetspot

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



175.2310, 29.9591, 4.1824



234.6440, 10.0355, 1.1892



202.4220, 16.5540, -36.3271



115.0200, 6.3991, 0.8595



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.



175.2310, 29.9591, 4.1824



176.5330, 38.6842, 5.6716



186.2940, 24.5051, 26.9292



108.1510, 4.3626, 0.7446



34.3880, 72.2797, 10.1837



10.3420, 21.5234, 3.2081

Inverse Universe

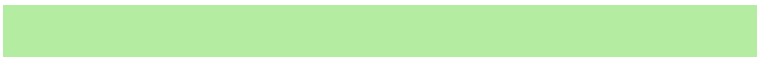
The Inverse Universe completely reimagines the original color for something new.



189.8090, 13.4052, 40.5095



195.2110, 17.1510, 52.4350



210.7060, -24.5051, -26.9292



110.2010, 1.8729, 5.9627



69.5090, 32.2871, 97.7776



20.7060, 9.5119, 29.1988

Previews

White Background



This preview shows how the YUV color 175.2310, 29.9591, 4.1824 looks on a white background.

Color Contrast Check

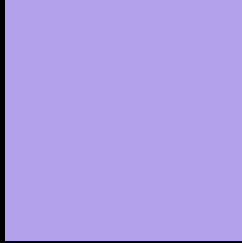
Large Text (above 18pt) WCAG AA × Fail

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 175.2310, 29.9591, 4.1824 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 175.2310, 29.9591, 4.1824

Background



This preview shows how black text looks on a background with the YUV color 175.2310, 29.9591, 4.1824.



This preview shows how white text looks on a background with the YUV color 175.2310, 29.9591, 4.1824.

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

175.2310, 29.9591, 4.1824

Protanopia

172.0430, 34.9818, -20.2087

Deuteranopia

172.2130, 30.4610, -16.8498



Tritanopia

172.2970, 6.2626, -2.0145

Trichromacy



Original Color

175.2310, 29.9591, 4.1824

Protanomaly

173.2290, 32.9181, -11.6018

Deuteranomaly

173.5560, 30.2919, -9.2576

Tritanomaly

173.3110, 15.1297, 0.6043

Monochromacy



Original Color

175.2310, 29.9591, 4.1824

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.1710, 10.7617, 1.6040

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2310, 29.9591, 4.1824 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(180, 161, 236)` looks like.

```
.text, #text, p{  
    color:rgb(180, 161, 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(180, 161, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 161, 236) }
```

Border

The CSS property to change the border of an element to YUV 175.2310, 29.9591, 4.1824 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(180, 161, 236) }
```


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

```
.border{ border-color:rgb(180, 161, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 161, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 161, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 161, 236);  
box-shadow:4px 4px 4px 4px rgb(180, 161,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 175.2310, 29.9591, 4.1824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 161, 236) }
```

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

```
.background{ background-color: rgb(180,  
161, 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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