

Converting Colors

YUV(175.9410, 16.2981,
-0.8253)

Have a look what the booklet for
YUV(175.9410, 16.2981, -0.8253)
contains.

YUV(175.9410, 16.2981, -0.8253)	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(175.9410, 16.2981,
-0.8253)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAAD1
RGB	175, 170, 209
RGB Percent	69%, 67%, 82%
CMY	0.3137, 0.3333, 0.1804
CMYK	0.16, 0.19, 0.00, 0.18
HSL	248°, 30%, 74%
HSV	248°, 19%, 82%
XYZ	43.5625, 42.4669, 66.2225
YIQ	175.9410, -9.5390, 13.1890

Conversions

Conversions Part 2

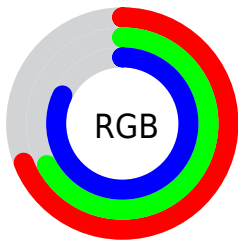
Format	Color
RYB	175, 170, 209
Decimal	11512529
CIELab	71.19, 9.68, -19.12
CIELCh	71, 21.431, 296.845
Yxy	42.4669, 0.2861, 0.2789
Android (android.graphics.Color)	4289702609 (0xFFAFAAD1)
YUV	175.9410, 16.2981, -0.8253
Hunter-Lab	65.1666, 5.2821, -14.6341

Details

The YUV color $175.9410, 16.2981, -0.8253$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $203.0590, -16.2981, 0.8253$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.2140, 12.2195, 0.6893$, and $123.3000, 15.1351, -1.1401$ is the 20% darker color. If you saturate the color by 10%, you get $158.2320, 25.0286, -1.0805$, and if you desaturate by 10%, it is $193.6500, 7.5676, -0.5700$.

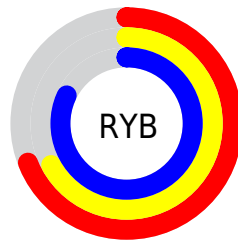
Distribution



Red (69%)

Green (67%)

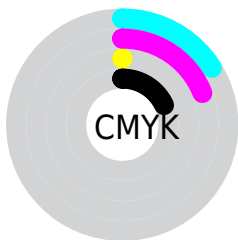
Blue (82%)



Red (69%)

Yellow (67%)

Blue (82%)

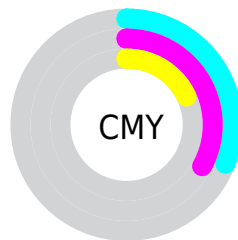


Cyan (16%)

Magenta (19%)

Yellow (0%)

Black (18%)



Cyan (31%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.9410, 16.2981, -0.8253 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 175.9410, 16.2981, -0.8253 by changing the saturation by 10% instead.

■ 175.9410, 16.2981,
-0.8253

■ 175.9410, 16.2981,
-0.8253

255.0000, 0.0000,
0.0000

■ 149.4140, 15.5719,
-1.2401

■ 230.2140, 12.2195,
0.6893

■ 123.3000, 15.1351,
-1.1401

254.4130, 0.2894,
0.5148

■ 98.1860, 14.6983,
-1.0401

■ 74.6590, 13.9721,
-1.4549

■ 51.2460, 13.6827,
-1.9697

■ 30.3060, 12.6671,
-2.8994

■ 5.7840, 14.4035,

0.1894

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 175.9410, 16.2981,
-0.8253

■ 175.9410, 16.2981,
-0.8253

■ 158.2320, 25.0286,
-1.0805

■ 193.6500, 7.5676,
-0.5700

■ 140.5230, 33.7592,
-1.3357

■ 211.3590, -1.1630,
-0.3148

■ 122.5150, 42.6371,
-2.2057

■ 229.3670,
-10.0409, 0.5551

■ 104.8060, 51.3676,
-2.4609

■ 247.0760,
-18.7715, 0.8103

■ 87.0970, 60.0982,
-2.7161

■ 249.7560,
-20.0927, 4.5990

■ 69.9750, 68.5393,
-3.4861

■ 51.9670, 77.4173,
-4.3561

■ 34.2580, 86.1478,
-4.6113

■ 31.8990, 87.3108,
-4.2964

Harmonies

Analogous

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



172.7320, 19.8521, -20.8130



175.9410, 16.2981, -0.8253



177.8140, 8.9657, 17.7031

Triad

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



175.9410, 16.2981, -0.8253



175.5230, -16.5268, 27.6053



166.6600, 2.1396, -33.0278

Complementary

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



175.9410, 16.2981, -0.8253



203.0590, -16.2981, 0.8253

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.



169.0010, -8.3815, -18.4179



175.9410, 16.2981, -0.8253



173.5770, -18.5255, 15.2800

Square

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



175.9410, 16.2981, -0.8253



176.8040, -9.2704, 33.4979



171.1620, -15.8559, -1.0191



166.2490, 12.2022, -40.5604

Rectangle

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



175.9410, 16.2981, -0.8253



177.6750, 3.1182, 26.5950



171.1620, -15.8559, -1.0191



167.7700, -1.3656, -28.7393

Sweetspot

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



175.9410, 16.2981, -0.8253



242.3080, 6.2572, -0.2701



194.4040, 7.1958, -21.4023



120.3250, 3.7838, -0.2850



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.



175.9410, 16.2981, -0.8253



207.4770, 23.4288, -1.2953



181.6220, 13.4974, 10.8555



95.5530, 4.6574, -0.4850



25.7300, 70.1391, -3.2712



6.1690, 17.1717, -1.0252

Inverse Universe

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



185.5370, 9.1023, 20.5771



221.3300, 13.1483, 29.5286



197.3780, -13.4974, -10.8555



98.3150, 2.3097, 5.8627



66.9900, 39.4449, 88.5858



16.3630, 9.6810, 21.6066

Previews

White Background



This preview shows how the YUV color 175.9410, 16.2981, -0.8253 looks on a white background.

Color Contrast Check

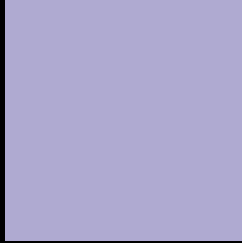
Large Text (above 18pt) WCAG AA × Fail

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 175.9410, 16.2981, -0.8253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

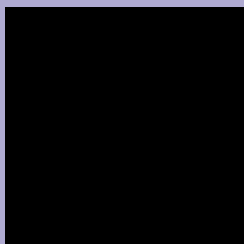
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.9410, 16.2981, -0.8253

Background



This preview shows how black text looks on a background with the YUV color 175.9410, 16.2981, -0.8253.



This preview shows how white text looks on a background with the YUV color 175.9410, 16.2981, -0.8253.

-0.8253.

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

175.9410, 16.2981, -0.8253

Protanopia

175.2390, 17.6302, -8.1026

Deuteranopia

175.6420, 16.4455, -1.4400



Tritanopia

174.6990, 6.5574, -3.2440

Trichromacy



Original Color

175.9410, 16.2981, -0.8253

Protanomaly

175.4350, 17.0405, -5.6435

Deuteranomaly

175.6420, 16.4455, -1.4400

Tritanomaly

175.3230, 10.1938, -2.9143

Monochromacy



Original Color

175.9410, 16.2981, -0.8253

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1940, 5.8204, -0.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.9410, 16.2981, -0.8253 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(175, 170, 209)` looks like.

```
.text, #text, p{  
    color:rgb(175, 170, 209)  
}
```

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(175, 170, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 170, 209) }
```

Border

The CSS property to change the border of an element to YUV 175.9410, 16.2981, -0.8253 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(175, 170, 209) }
```


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

```
.border{ border-color:rgb(175, 170, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 170, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 170, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 170, 209);  
box-shadow:4px 4px 4px 4px rgb(175, 170,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 175.9410, 16.2981, -0.8253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 170, 209) }
```

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

```
.background{ background-color: rgb(175,  
170, 209) }
```

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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