

Converting Colors

YUV(203.6860, 16.4238, 5.5374)

Have a look what the booklet for
YUV(203.6860, 16.4238, 5.5374)
contains.

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Color

**YUV(203.6860, 16.4238,
5.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C2ED
RGB	210, 194, 237
RGB Percent	82%, 76%, 93%
CMY	0.1765, 0.2392, 0.0706
CMYK	0.11, 0.18, 0.00, 0.07
HSL	262°, 54%, 85%
HSV	262°, 18%, 93%
XYZ	61.1562, 58.3996, 88.1697
YIQ	203.6860, -4.2670, 16.7650

Conversions

Conversions Part 2

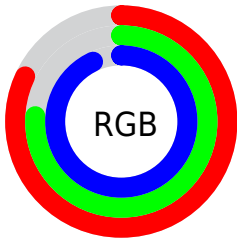
Format	Color
R _Y B	210, 194, 237
Decimal	13812461
CIE Lab	80.96, 13.72, -19.24
CIE LCh	81, 23.635, 305.494
Yxy	58.3996, 0.2944, 0.2811
Android (android.graphics.Color)	4292002541 (0xFFD2C2ED)
YUV	203.6860, 16.4238, 5.5374
Hunter-Lab	76.4197, 9.1134, -14.9125

Details

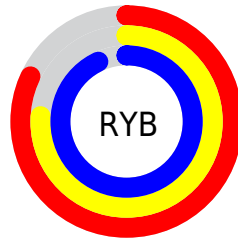
The YUV color $203.6860, 16.4238, 5.5374$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $227.3140, -16.4238, -5.5374$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6520, 1.1576, 2.0592$, and $149.1590, 15.6976, 5.1226$ is the 20% darker color. If you saturate the color by 10%, you get $185.1130, 25.5803, 8.6709$, and if you desaturate by 10%, it is $222.2590, 7.2673, 2.4039$.

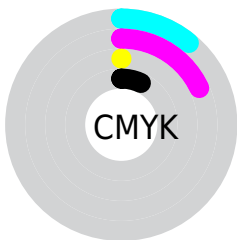
Distribution



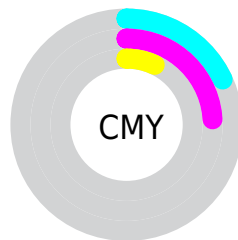
- Red (82%)
- Green (76%)
- Blue (93%)



- Red (82%)
- Yellow (76%)
- Blue (93%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.6860, 16.4238, 5.5374 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 203.6860, 16.4238, 5.5374 by changing the saturation by 10% instead.

■ 203.6860, 16.4238,
5.5374

■ 203.6860, 16.4238,
5.5374

255.0000, 0.0000,
0.0000

■ 176.2730, 16.1344,
5.0226

■ 252.6520, 1.1576,
2.0592

■ 149.1590, 15.6976,
5.1226

■ 123.6320, 14.9714,
4.7077

■ 98.5180, 14.5346,
4.8077

■ 74.6920, 13.9558,
3.7781

■ 52.1650, 13.2297,
3.3633

■ 30.3390, 12.6509,

2.3337

■ 8.4750, 13.0768,
5.7224

■ 1.0260, 3.9312,
-0.8998

■ 203.6860, 16.4238,
5.5374

■ 203.6860, 16.4238,
5.5374

■ 185.1130, 25.5803,
8.6709

■ 222.2590, 7.2673,
2.4039

■ 167.1270, 34.4474,
11.2896

■ 240.2450, -1.5998,
-0.2149

■ 148.5540, 43.6039,
14.4231

■ 252.9480, -7.8624,
1.7996

■ 129.9810, 52.7604,
17.5567

■ 111.7070, 61.7694,
21.3050

■ 93.7210, 70.6365,
23.9237

■ 75.1480, 79.7930,
27.0572

■ 56.5750, 88.9495,
30.1907

■ 53.3300, 90.5493,
30.4056

Harmonies

Analogous

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



200.6230, 21.8779, -17.2094



203.6860, 16.4238, 5.5374



205.1030, 7.3442, 24.4657

Triad

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



203.6860, 16.4238, 5.5374



201.6110, -20.0212, 28.4052



192.2290, 5.8031, -41.4198

Complementary

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



203.6860, 16.4238, 5.5374



227.3140, -16.4238, -5.5374

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.



194.2280, -6.0284, -26.5100



203.6860, 16.4238, 5.5374



199.8710, -21.1354, 12.3911

Square

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



203.6860, 16.4238, 5.5374



203.6750, -13.6438, 36.2420



196.8300, -15.6922, -6.8669



192.6550, 16.4391, -46.1784

Rectangle

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



203.6860, 16.4238, 5.5374



205.2090, -0.1030, 33.1427



196.8300, -15.6922, -6.8669



192.9260, 2.0085, -37.6461

Sweetspot

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



203.6860, 16.4238, 5.5374



244.9770, 4.9413, 1.7742



214.7510, 10.9688, -18.1986



121.8090, 3.0522, 1.0445



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.



203.6860, 16.4238, 5.5374



211.6630, 21.3651, 7.3115



209.9650, 13.3283, 18.4477



108.4500, 4.2152, 1.3594



40.6670, 69.1842, 23.0940



12.1360, 20.6390, 6.8967

Inverse Universe

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



209.9350, 5.4550, 23.7360



219.7340, 7.0331, 30.9283



221.0350, -13.3283, -18.4477



110.0870, 1.4361, 6.0627



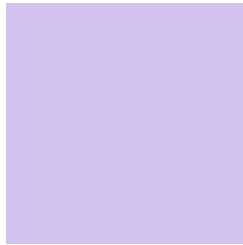
67.1150, 23.1143, 99.8771



20.0220, 6.8912, 29.7987

Previews

White Background



This preview shows how the YUV color 203.6860, 16.4238, 5.5374 looks on a white background.

Color Contrast Check

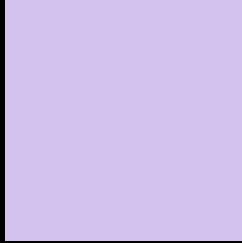
Large Text (above 18pt) WCAG AA × Fail

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 203.6860, 16.4238, 5.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

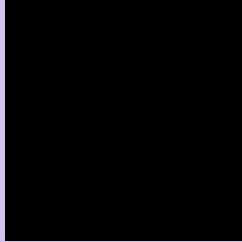
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.6860, 16.4238, 5.5374

Background



This preview shows how black text looks on a background with the YUV color 203.6860, 16.4238, 5.5374.



This preview shows how white text looks on a background with the YUV color 203.6860, 16.4238, 5.5374.

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

203.6860, 16.4238, 5.5374

Protanopia

201.6950, 19.3774, -8.5025

Deuteranopia

202.7670, 16.8769, 0.2043



Tritanopia

202.2160, 5.8095, 3.3186

Trichromacy



Original Color

203.6860, 16.4238, 5.5374

Protanomaly

202.5000, 18.4875, -3.0695

Deuteranomaly

203.0770, 16.7240, 2.5635

Tritanomaly

202.8400, 9.4459, 3.6483

Monochromacy



Original Color

203.6860, 16.4238, 5.5374

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.6180, 6.1043, 2.0890

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.6860, 16.4238, 5.5374 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(210, 194, 237)` looks like.

```
.text, #text, p{  
    color:rgb(210, 194, 237)  
}
```

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(210, 194, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 194, 237) }
```

Border

The CSS property to change the border of an element to YUV 203.6860, 16.4238, 5.5374 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(210, 194, 237) }
```


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

```
.border{ border-color:rgb(210, 194, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 194, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 194, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 194, 237);  
box-shadow:4px 4px 4px 4px rgb(210, 194,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 203.6860, 16.4238, 5.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 194, 237) }
```

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

```
.background{ background-color: rgb(210,  
194, 237) }
```

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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