

Converting Colors

YUV(206.4430, 11.6136, 8.3815)

Have a look what the booklet for
YUV(206.4430, 11.6136, 8.3815)
contains.

YUV(206.4430, 11.6136, 8.3815)	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(206.4430, 11.6136,
8.3815)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C5E6
RGB	216, 197, 230
RGB Percent	85%, 77%, 90%
CMY	0.1529, 0.2275, 0.0980
CMYK	0.06, 0.14, 0.00, 0.10
HSL	275°, 40%, 84%
HSV	275°, 14%, 90%
XYZ	62.5681, 60.2446, 83.1936
YIQ	206.4430, 0.7310, 14.2910

Conversions

Conversions Part 2

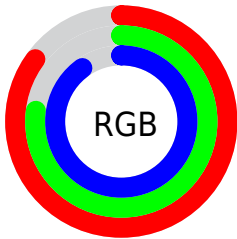
Format	Color
R _Y B	216, 197, 230
Decimal	14206438
CIE Lab	81.97, 12.66, -13.93
CIE LCh	82, 18.822, 312.283
Yxy	60.2446, 0.3037, 0.2924
Android (android.graphics.Color)	4292396518 (0xFFD8C5E6)
YUV	206.4430, 11.6136, 8.3815
Hunter-Lab	77.6174, 8.0600, -9.2173

Details

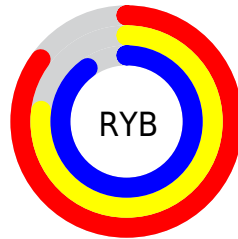
The YUV color $206.4430, 11.6136, 8.3815$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $220.5570, -11.6136, -8.3815$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2894, 0.5148$, and $151.9160, 10.8874, 7.9667$ is the 20% darker color. If you saturate the color by 10%, you get $189.9520, 19.7437, 14.0741$, and if you desaturate by 10%, it is $222.9340, 3.4835, 2.6889$.

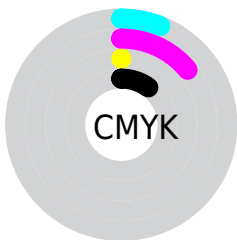
Distribution



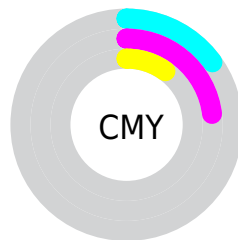
- Red (85%)
- Green (77%)
- Blue (90%)



- Red (85%)
- Yellow (77%)
- Blue (90%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.4430, 11.6136, 8.3815 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 206.4430, 11.6136, 8.3815 by changing the saturation by 10% instead.

■ 206.4430, 11.6136,
8.3815

■ 206.4430, 11.6136,
8.3815

255.0000, 0.0000,
0.0000

■ 179.0300, 11.3242,
7.8667

254.4130, 0.2894,
0.5148

■ 151.9160, 10.8874,
7.9667

■ 126.5030, 10.5980,
7.4519

■ 101.0900, 10.3086,
6.9371

■ 76.9760, 9.8718,
7.0370

■ 54.1500, 9.2930,
6.0074

■ 32.7370, 9.0037,

5.4927

■ 9.4000, 10.1558,
9.2962

■ 0.0000, 0.0000,
0.0000

■ 206.4430, 11.6136,
8.3815

■ 206.4430, 11.6136,
8.3815

■ 189.9520, 19.7437,
14.0741

■ 222.9340, 3.4835,
2.6889

■ 173.4610, 27.8737,
19.7667

■ 239.4250, -4.6465,
-3.0037

■ 157.2690, 35.8564,
26.0741

■ 249.1600, -9.4459,
-3.6483

■ 140.7780, 43.9864,
31.7667

■ 252.1500,
-10.9200, 2.4994

■ 124.2870, 52.1165,
37.4593

■ 107.7960, 60.2466,
43.1519

■ 91.6040, 68.2292,
49.4593

■ 75.1130, 76.3593,
55.1519

■ 65.6880, 81.0058,
58.1556

Harmonies

Analogous

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



204.2990, 16.6146, -9.0322



206.4430, 11.6136, 8.3815



207.4680, 3.7133, 22.3916

Triad

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



206.4430, 11.6136, 8.3815



204.4790, -16.5051, 20.6279



197.2130, 6.7970, -33.5128

Complementary

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



206.4430, 11.6136, 8.3815



220.5570, -11.6136, -8.3815

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.



198.1620, -2.5449, -23.8211



206.4430, 11.6136, 8.3815



202.3910, -16.4618, 6.6731

Square

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



206.4430, 11.6136, 8.3815



205.9730, -12.3117, 28.9647



200.2580, -11.4662, -8.9963



198.4500, 14.0752, -34.5976

Rectangle

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



206.4430, 11.6136, 8.3815



207.3070, -2.1234, 27.7948



200.2580, -11.4662, -8.9963



197.4260, 3.7340, -31.0686

Sweetspot

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



206.4430, 11.6136, 8.3815



247.9340, 3.4835, 2.6889



208.9800, 10.3629, -10.5065



122.9940, 2.4680, 1.7593



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.



206.4430, 11.6136, 8.3815



224.3770, 15.0971, 11.0704



210.4010, 8.6763, 17.1883



106.4610, 4.2097, 3.1037



51.2030, 63.0039, 45.4260



14.4850, 18.0019, 12.7297

Inverse Universe

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



208.4630, 1.2507, 18.8879



226.9090, 1.5239, 24.6358



216.5990, -8.6763, -17.1883



107.1580, 0.4151, 6.8774



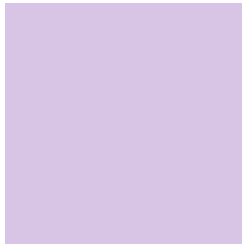
62.1850, 6.8108, 102.4468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 206.4430, 11.6136, 8.3815 looks on a white background.

Color Contrast Check

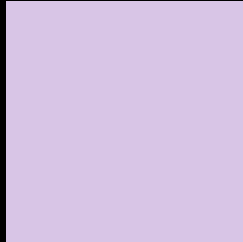
Large Text (above 18pt) WCAG AA × Fail

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 206.4430, 11.6136, 8.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

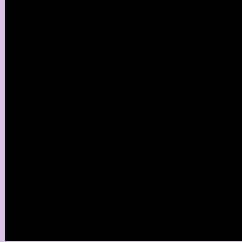
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.4430, 11.6136, 8.3815

Background



This preview shows how black text looks on a background with the YUV color 206.4430, 11.6136, 8.3815.



This preview shows how white text looks on a background with the YUV color 206.4430, 11.6136,

8.3815.

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

206.4430, 11.6136, 8.3815

Protanopia

204.6370, 13.9830, -4.9436

Deuteranopia

206.4210, 11.6244, 4.8928



Tritanopia

205.8960, 4.4883, 7.1072

Trichromacy



Original Color

206.4430, 11.6136, 8.3815

Protanomaly

205.1430, 13.2405, -0.1254

Deuteranomaly

206.1330, 11.7664, 6.0224

Tritanomaly

206.1780, 6.8142, 7.7369

Monochromacy



Original Color

206.4430, 11.6136, 8.3815

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.4610, 4.2097, 3.1037

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4430, 11.6136, 8.3815 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(216, 197, 230)` looks like.

```
.text, #text, p{  
    color:rgb(216, 197, 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(216, 197, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 197, 230) }
```

Border

The CSS property to change the border of an element to YUV 206.4430, 11.6136, 8.3815 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(216, 197, 230) }
```


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

```
.border{ border-color:rgb(216, 197, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 197, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 197, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 197, 230);  
box-shadow:4px 4px 4px 4px rgb(216, 197,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 206.4430, 11.6136, 8.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 197, 230) }
```

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

```
.background{ background-color: rgb(216,  
197, 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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