

Converting Colors

YUV(206.2890, 15.1405,
-2.8845)

Have a look what the booklet for
YUV(206.2890, 15.1405, -2.8845)
contains.

YUV(206.2890, 15.1405, -2.8845)	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(206.2890, 15.1405,
-2.8845)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCAED
RGB	203, 202, 237
RGB Percent	80%, 79%, 93%
CMY	0.2039, 0.2078, 0.0706
CMYK	0.14, 0.15, 0.00, 0.07
HSL	242°, 49%, 86%
HSV	242°, 15%, 93%
XYZ	61.0352, 61.0520, 88.6881
YIQ	206.2890, -10.6390, 11.0970

Conversions

Conversions Part 2

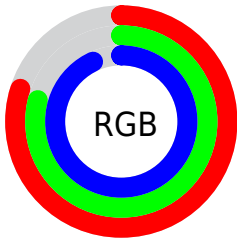
Format	Color
R _Y B	203, 202, 237
Decimal	13355757
CIE Lab	82.41, 7.20, -17.11
CIE LCh	82, 18.568, 292.828
Yxy	61.0520, 0.2896, 0.2897
Android (android.graphics.Color)	4291545837 (0xFFCBCAED)
YUV	206.2890, 15.1405, -2.8845
Hunter-Lab	78.1358, 2.6964, -12.6021

Details

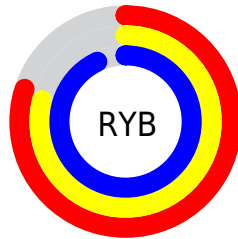
The YUV color $206.2890, 15.1405, -2.8845$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $232.7110, -15.1405, 2.8845$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $152.0610, 14.2669, -2.6845$ is the 20% darker color. If you saturate the color by 10%, you get $185.3240, 25.4763, -4.6691$, and if you desaturate by 10%, it is $227.2540, 4.8048, -1.0998$.

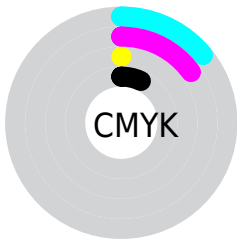
Distribution



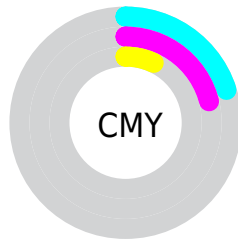
- Red (80%)
- Green (79%)
- Blue (93%)



- Red (80%)
- Yellow (79%)
- Blue (93%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.2890, 15.1405, -2.8845 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 206.2890, 15.1405, -2.8845 by changing the saturation by 10% instead.

■ 206.2890, 15.1405,
-2.8845

■ 206.2890, 15.1405,
-2.8845

255.0000, 0.0000,
0.0000

■ 178.8760, 14.8511,
-3.3993

■ 152.0610, 14.2669,
-2.6845

■ 125.9470, 13.8301,
-2.5845

■ 100.5340, 13.5407,
-3.0993

■ 77.0070, 12.8145,
-3.5141

■ 53.8930, 12.3778,
-3.4142

■ 32.3660, 11.6516,

-3.8290

■ 8.7190, 12.9565,
-2.3846

■ 1.1400, 4.3680,
-0.9998

■ 206.2890, 15.1405,
-2.8845

■ 206.2890, 15.1405,
-2.8845

■ 185.3240, 25.4763,
-4.6691

■ 227.2540, 4.8048,
-1.0998

■ 164.9460, 35.5226,
-6.9686

■ 247.6320, -5.2416,
1.1997

■ 143.9810, 45.8584,
-8.7533

■ 252.9480, -7.8624,
1.7996

■ 123.0160, 56.1941,
-10.5380

■ 102.0510, 66.5299,
-12.3227

■ 81.6730, 76.5762,
-14.6222

■ 60.7080, 86.9120,
-16.4069

■ 39.7430, 97.2477,
-18.1916

■ 29.1110, 102.4893,
-19.3913

Harmonies

Analogous

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



203.4610, 17.5207, -19.6983



206.2890, 15.1405, -2.8845



208.3790, 8.6872, 13.6996

Triad

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



206.2890, 15.1405, -2.8845



206.7940, -14.1954, 26.4907



199.2370, 0.3762, -27.3948

Complementary

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



206.2890, 15.1405, -2.8845



232.7110, -15.1405, 2.8845

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.



201.0230, -8.3923, -14.9292



206.2890, 15.1405, -2.8845



204.7450, -16.6363, 16.0096

Square

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



206.2890, 15.1405, -2.8845



207.5370, -7.6597, 30.2241



202.8140, -14.6983, 1.0401



198.5980, 9.5652, -34.7274

Rectangle

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



206.2890, 15.1405, -2.8845



208.4680, 3.7133, 22.3916



202.8140, -14.6983, 1.0401



199.4610, -2.6923, -23.2063

Sweetspot

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



206.2890, 15.1405, -2.8845



246.1400, 4.3680, -0.9998



225.9480, 5.4486, -21.0024



121.7980, 3.0576, -0.6998



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.



206.2890, 15.1405, -2.8845



214.5430, 19.9453, -3.9842



211.3720, 12.6346, 7.5668



107.2540, 4.8048, -1.0998



22.1290, 78.3234, -15.0221



6.7540, 23.2923, -4.1693

Inverse Universe

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



216.3410, 9.6919, 18.1179



227.8840, 12.8752, 23.7807



227.6280, -12.6346, -7.5668



110.5430, 3.1833, 5.6628



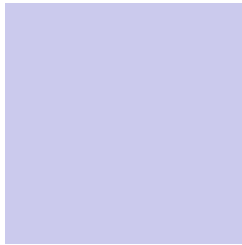
74.1830, 50.1958, 93.6785



22.0740, 14.7535, 27.9991

Previews

White Background



This preview shows how the YUV color 206.2890, 15.1405, -2.8845 looks on a white background.

Color Contrast Check

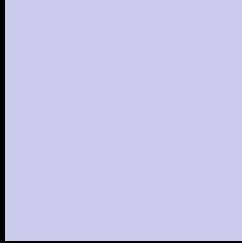
Large Text (above 18pt) WCAG AA × Fail

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 206.2890, 15.1405, -2.8845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

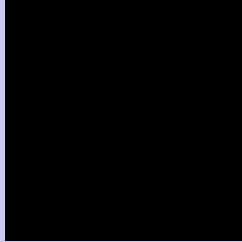
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.2890, 15.1405, -2.8845

Background



This preview shows how black text looks on a background with the YUV color 206.2890, 15.1405, -2.8845.



This preview shows how white text looks on a background with the YUV color 206.2890, 15.1405,

-2.8845.

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

206.2890, 15.1405, -2.8845

Protanopia

205.7940, 15.8776, -5.9583

Deuteranopia

206.9090, 14.8349, 1.8338



Tritanopia

205.3290, 7.7258, -4.6735

Trichromacy



Original Color

206.2890, 15.1405, -2.8845

Protanomaly

206.0930, 15.7302, -5.3436

Deuteranomaly

206.8980, 14.8403, 0.0895

Tritanomaly

205.7250, 10.4886, -4.1438

Monochromacy



Original Color

206.2890, 15.1405, -2.8845

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.3680, 5.2416, -1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.2890, 15.1405, -2.8845 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(203, 202, 237)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 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(203, 202, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 237) }
```

Border

The CSS property to change the border of an element to YUV 206.2890, 15.1405, -2.8845 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(203, 202, 237) }
```


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

```
.border{ border-color:rgb(203, 202, 237) }
```

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

Here you see how a box with a 4 pixel rgb(203, 202, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 237);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 206.2890, 15.1405, -2.8845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 237) }
```

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

```
.background{ background-color: rgb(203,  
202, 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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