

Converting Colors

YUV(202.0930, 15.7302,
-5.3436)

Have a look what the booklet for
YUV(202.0930, 15.7302, -5.3436)
contains.

YUV(202.0930, 15.7302, -5.3436)	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(202.0930, 15.7302,
-5.3436)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C7EA
RGB	196, 199, 234
RGB Percent	77%, 78%, 92%
CMY	0.2314, 0.2196, 0.0824
CMYK	0.16, 0.15, 0.00, 0.08
HSL	235°, 47%, 84%
HSV	235°, 16%, 92%
XYZ	58.0397, 58.5231, 86.0790
YIQ	202.0930, -13.0230, 10.2490

Conversions

Conversions Part 2

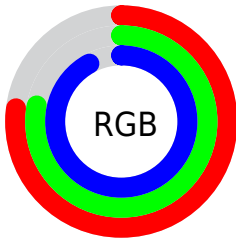
Format	Color
R _Y B	196, 199, 234
Decimal	12896234
CIE Lab	81.03, 5.97, -17.64
CIE LCh	81, 18.622, 288.691
Yxy	58.5231, 0.2864, 0.2888
Android (android.graphics.Color)	4291086314 (0xFFC4C7EA)
YUV	202.0930, 15.7302, -5.3436
Hunter-Lab	76.5004, 1.5494, -13.1634

Details

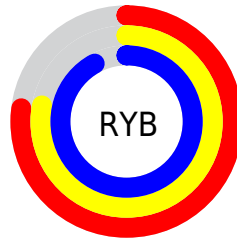
The YUV color $202.0930, 15.7302, -5.3436$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $227.9070, -15.7302, 5.3436$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $147.8650, 14.8566, -5.1436$ is the 20% darker color. If you saturate the color by 10%, you get $182.3020, 25.4871, -8.1579$, and if you desaturate by 10%, it is $221.8840, 5.9732, -2.5293$.

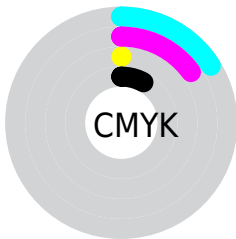
Distribution



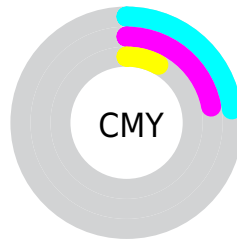
- Red (77%)
- Green (78%)
- Blue (92%)



- Red (77%)
- Yellow (78%)
- Blue (92%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (23%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.0930, 15.7302, -5.3436 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 202.0930, 15.7302, -5.3436 by changing the saturation by 10% instead.

■ 202.0930, 15.7302,
-5.3436

■ 202.0930, 15.7302,
-5.3436

255.0000, 0.0000,
0.0000

■ 174.9790, 15.2934,
-5.2436

254.4020, 0.2948,
-1.2296

■ 147.8650, 14.8566,
-5.1436

■ 122.3380, 14.1304,
-5.5584

■ 97.3380, 14.1304,
-5.5584

■ 73.1100, 13.2568,
-5.3585

■ 50.5830, 12.5306,
-5.7733

■ 29.1700, 12.2412,

-6.2881

■ 4.3490, 14.1249,
-3.8141

■ 0.5700, 2.1840,
-0.4999

■ 202.0930, 15.7302,
-5.3436

■ 202.0930, 15.7302,
-5.3436

■ 182.3020, 25.4871,
-8.1579

■ 221.8840, 5.9732,
-2.5293

■ 162.7990, 35.1021,
-12.1017

■ 241.3870, -3.6418,
1.4146

■ 143.0080, 44.8591,
-14.9160

■ 252.6060, -9.1728,
2.0995

■ 123.5050, 54.4740,
-18.8599

■ 103.7140, 64.2310,
-21.6742

■ 84.5100, 73.6986,
-25.0033

■ 64.4200, 83.6029,
-28.4323

■ 45.2160, 93.0705,
-31.7614

■ 37.2420, 97.0017,
-32.6612

Harmonies

Analogous

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



199.1510, 17.6736, -22.0574



202.0930, 15.7302, -5.3436



203.7100, 10.0030, 11.6553

Triad

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



202.0930, 15.7302, -5.3436



203.3210, -13.4693, 26.9055



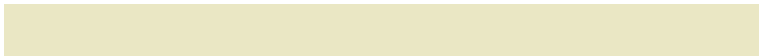
195.6070, -0.7923, -25.9653

Complementary

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



202.0930, 15.7302, -5.3436



227.9070, -15.7302, 5.3436

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.



197.1050, -9.4188, -12.3701



202.0930, 15.7302, -5.3436



201.3430, -16.9311, 17.2392

Square

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



202.0930, 15.7302, -5.3436



203.8790, -6.3493, 29.9241



199.0100, -15.2879, 3.4992



194.6690, 8.5442, -33.9127

Rectangle

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



202.0930, 15.7302, -5.3436



204.6850, 4.5923, 20.4473



199.0100, -15.2879, 3.4992



195.8310, -3.8607, -21.7768

Sweetspot

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



202.0930, 15.7302, -5.3436



244.0690, 5.3890, -1.8145



222.2960, 4.2911, -23.0616



120.9120, 3.4944, -0.7998



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.



202.0930, 15.7302, -5.3436



214.2330, 20.0981, -6.3433



205.1160, 14.2398, 6.0373



107.2540, 4.8048, -1.0998



28.8520, 75.0090, -25.3032



8.5040, 22.4295, -7.4580

Inverse Universe

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



207.7040, -4.2911, 23.0616



221.6940, -5.7651, 29.2094



224.8840, -14.2398, -6.0373



109.2890, -1.6215, 6.7625



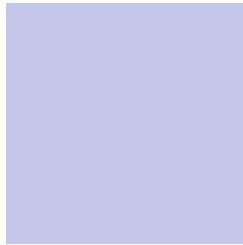
55.7150, -20.5655, 109.8749



16.6020, -6.2128, 32.7980

Previews

White Background



This preview shows how the YUV color 202.0930, 15.7302, -5.3436 looks on a white background.

Color Contrast Check

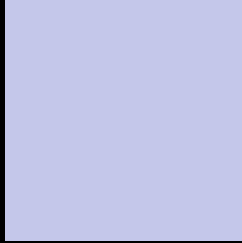
Large Text (above 18pt) WCAG AA × Fail

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 202.0930, 15.7302, -5.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

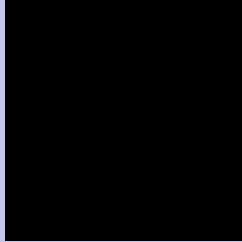
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.0930, 15.7302, -5.3436

Background



This preview shows how black text looks on a background with the YUV color 202.0930, 15.7302, -5.3436.



This preview shows how white text looks on a background with the YUV color 202.0930, 15.7302, -5.3436.

-5.3436.

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

202.0930, 15.7302, -5.3436

Protanopia

201.7940, 15.8776, -5.9583

Deuteranopia

202.8380, 15.8559, 1.0191



Tritanopia

201.1330, 8.3154, -7.1326

Trichromacy



Original Color

202.0930, 15.7302, -5.3436

Protanomaly

201.7940, 15.8776, -5.9583

Deuteranomaly

202.5280, 16.0087, -1.3401

Tritanomaly

201.5290, 11.0782, -6.6029

Monochromacy



Original Color

202.0930, 15.7302, -5.3436

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.1830, 5.8258, -1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.0930, 15.7302, -5.3436 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(196, 199, 234)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 234)  
}
```

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(196, 199, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 234) }
```

Border

The CSS property to change the border of an element to YUV 202.0930, 15.7302, -5.3436 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(196, 199, 234) }
```


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

```
.border{ border-color:rgb(196, 199, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 199, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 199, 234);  
box-shadow:4px 4px 4px 4px rgb(196, 199,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 202.0930, 15.7302, -5.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 234) }
```

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

```
.background{ background-color: rgb(196,  
199, 234) }
```

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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