

Converting Colors

YUV(206.1040, 15.7247,
-3.5992)

Have a look what the booklet for
YUV(206.1040, 15.7247, -3.5992)
contains.

YUV(206.1040, 15.7247, -3.5992)	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(206.1040, 15.7247,
-3.5992)**

Conversions

Conversions Part 1

Format	Color
Hex	CACAEE
RGB	202, 202, 238
RGB Percent	79%, 79%, 93%
CMY	0.2078, 0.2078, 0.0667
CMYK	0.15, 0.15, 0.00, 0.07
HSL	240°, 51%, 86%
HSV	240°, 15%, 93%
XYZ	60.9103, 60.9707, 89.4471
YIQ	206.1040, -11.5560, 11.1960

Conversions

Conversions Part 2

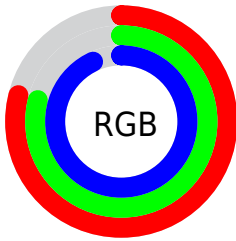
Format	Color
R _Y B	202, 202, 238
Decimal	13290222
CIE Lab	82.36, 7.10, -17.72
CIE LCh	82, 19.089, 291.828
Yxy	60.9707, 0.2882, 0.2885
Android (android.graphics.Color)	4291480302 (0xFFCACAEE)
YUV	206.1040, 15.7247, -3.5992
Hunter-Lab	78.0837, 2.5949, -13.2598

Details

The YUV color $206.1040, 15.7247, -3.5992$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $233.8960, -15.7247, 3.5992$, 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 $151.8760, 14.8511, -3.3993$ is the 20% darker color. If you saturate the color by 10%, you get $184.8400, 26.2079, -5.9987$, and if you desaturate by 10%, it is $227.3680, 5.2416, -1.1997$.

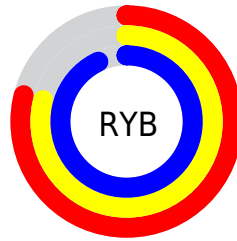
Distribution



Red (79%)

Green (79%)

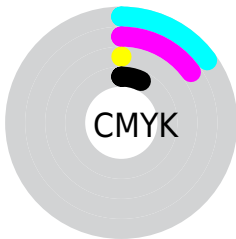
Blue (93%)



Red (79%)

Yellow (79%)

Blue (93%)

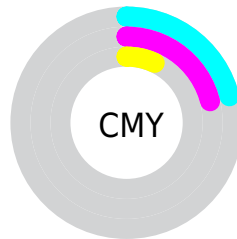


Cyan (15%)

Magenta (15%)

Yellow (0%)

Black (7%)



Cyan (21%)

Magenta (21%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.1040, 15.7247, -3.5992 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 206.1040, 15.7247, -3.5992 by changing the saturation by 10% instead.

■ 206.1040, 15.7247,
-3.5992

■ 206.1040, 15.7247,
-3.5992

255.0000, 0.0000,
0.0000

■ 178.6910, 15.4353,
-4.1140

■ 151.8760, 14.8511,
-3.3993

■ 125.7620, 14.4143,
-3.2993

■ 100.3490, 14.1249,
-3.8141

■ 76.8220, 13.3988,
-4.2289

■ 53.7080, 12.9620,
-4.1289

■ 32.1810, 12.2358,

-4.5437

■ 8.4200, 13.1039,
-2.9993

■ 1.2540, 4.8048,
-1.0998

■ 206.1040, 15.7247,
-3.5992

■ 206.1040, 15.7247,
-3.5992

■ 184.8400, 26.2079,
-5.9987

■ 227.3680, 5.2416,
-1.1997

■ 163.5760, 36.6910,
-8.3982

■ 248.6320, -5.2416,
1.1997

■ 143.1980, 46.7374,
-10.6976

■ 253.0620, -7.4256,
1.6996

■ 121.9340, 57.2205,
-13.0971

■ 100.6700, 67.7037,
-15.4966

■ 79.4060, 78.1868,
-17.8961

■ 58.1420, 88.6700,
-20.2955

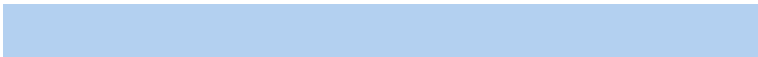
■ 37.7640, 98.7163,
-22.5950

■ 27.1320, 103.9579,
-23.7948

Harmonies

Analogous

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



202.9770, 18.2523, -21.0278



206.1040, 15.7247, -3.5992



207.9060, 9.4133, 14.1144

Triad

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



206.1040, 15.7247, -3.5992



206.3920, -14.4903, 27.7202



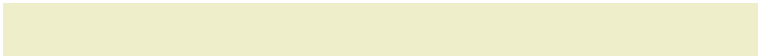
198.8240, 0.0868, -27.9096

Complementary

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



206.1040, 15.7247, -3.5992



233.8960, -15.7247, 3.5992

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.



200.7950, -9.2659, -14.7292



206.1040, 15.7247, -3.5992



204.9300, -17.2205, 16.7244

Square

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



206.1040, 15.7247, -3.5992



207.8360, -7.8071, 30.8388



202.9990, -15.2825, 1.7549



198.2990, 9.7126, -35.3422

Rectangle

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



206.1040, 15.7247, -3.5992



208.5820, 4.1501, 22.2916



202.9990, -15.2825, 1.7549



199.0480, -2.9817, -23.7211

Sweetspot

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



206.1040, 15.7247, -3.5992



243.4820, 5.6784, -1.2997



227.2360, 5.3067, -22.1320



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.



206.1040, 15.7247, -3.5992



214.2440, 20.0927, -4.5990



211.4860, 13.0714, 7.4668



109.3680, 5.2416, -1.1997



20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Inverse Universe

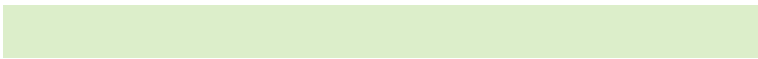
The Inverse Universe completely reimagines the original color for something new.



216.8680, 10.4181, 18.5328



227.9980, 13.3120, 23.6808



228.5140, -13.0714, -7.4668



112.9560, 3.4727, 6.1776



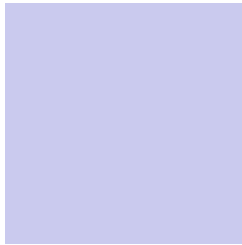
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 206.1040, 15.7247, -3.5992 looks on a white background.

Color Contrast Check

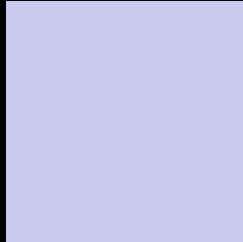
Large Text (above 18pt) WCAG AA × Fail

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 206.1040, 15.7247, -3.5992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

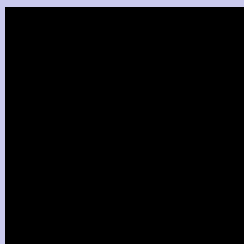
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.1040, 15.7247, -3.5992

Background



This preview shows how black text looks on a background with the YUV color 206.1040, 15.7247, -3.5992.



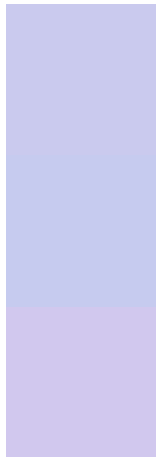
This preview shows how white text looks on a background with the YUV color 206.1040, 15.7247, -3.5992.

-3.5992.

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

206.1040, 15.7247, -3.5992

Protanopia

205.6090, 16.4618, -6.6731

Deuteranopia

207.0230, 15.2717, 1.7338



Tritanopia

205.0300, 7.8732, -5.2883

Trichromacy



Original Color

206.1040, 15.7247, -3.5992

Protanomaly

205.9080, 16.3144, -6.0583

Deuteranomaly

206.7130, 15.4245, -0.6253

Tritanomaly

205.4260, 10.6360, -4.7586

Monochromacy



Original Color

206.1040, 15.7247, -3.5992

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.4820, 5.6784, -1.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.1040, 15.7247, -3.5992 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(202, 202, 238)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 238)  
}
```

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(202, 202, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 238) }
```

Border

The CSS property to change the border of an element to YUV 206.1040, 15.7247, -3.5992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

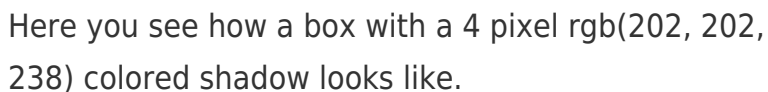
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 202, 238) }
```


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

```
.border{ border-color:rgb(202, 202, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 202, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 202, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 202, 238); box-shadow:4px 4px 4px 4px rgb(202, 202, 238) }
```

Background

The CSS property to change the background color of an element to YUV 206.1040, 15.7247, -3.5992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 238) }
```

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

```
.background{ background-color: rgb(202,  
202, 238) }
```

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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