

Converting Colors

YUV(206.5340, 13.5407,
-3.0993)

Have a look what the booklet for
YUV(206.5340, 13.5407, -3.0993)
contains.

YUV(206.5340, 13.5407, -3.0993)	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(206.5340, 13.5407,
-3.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCBEA
RGB	203, 203, 234
RGB Percent	80%, 80%, 92%
CMY	0.2039, 0.2039, 0.0824
CMYK	0.13, 0.13, 0.00, 0.08
HSL	240°, 42%, 86%
HSV	240°, 13%, 92%
XYZ	60.8358, 61.3489, 86.4770
YIQ	206.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

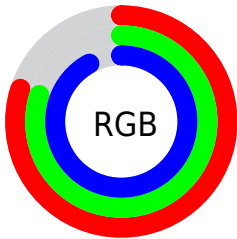
Format	Color
R _Y B	203, 203, 234
Decimal	13356010
CIE Lab	82.57, 6.05, -15.27
CIE LCh	83, 16.428, 291.600
Yxy	61.3489, 0.2916, 0.2940
Android (android.graphics.Color)	4291546090 (0xFFCBCBEA)
YUV	206.5340, 13.5407, -3.0993
Hunter-Lab	78.3255, 1.5721, -10.6326

Details

The YUV color $206.5340, 13.5407, -3.0993$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $230.4660, -13.5407, 3.0993$, 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 $152.3060, 12.6671, -2.8994$ is the 20% darker color. If you saturate the color by 10%, you get $186.1560, 23.5871, -5.3988$, and if you desaturate by 10%, it is $226.9120, 3.4944, -0.7998$.

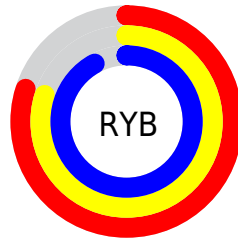
Distribution



Red (80%)

Green (80%)

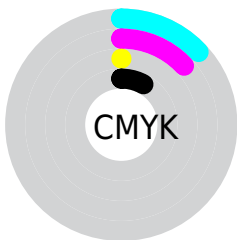
Blue (92%)



Red (80%)

Yellow (80%)

Blue (92%)

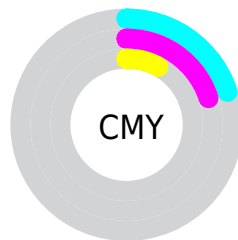


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (8%)



Cyan (20%)

Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.5340, 13.5407, -3.0993 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 206.5340, 13.5407, -3.0993 by changing the saturation by 10% instead.

■ 206.5340, 13.5407,
-3.0993

■ 206.5340, 13.5407,
-3.0993

255.0000, 0.0000,
0.0000

■ 179.1210, 13.2513,
-3.6141

■ 152.3060, 12.6671,
-2.8994

■ 126.1920, 12.2303,
-2.7994

■ 101.1920, 12.2303,
-2.7994

■ 77.3660, 11.6516,
-3.8290

■ 54.2520, 11.2148,
-3.7290

■ 32.7250, 10.4886,

-4.1438

■ 9.3770, 11.6461,
-2.0846

■ 0.6840, 2.6208,
-0.5999

■ 206.5340, 13.5407,
-3.0993

■ 206.5340, 13.5407,
-3.0993

■ 186.1560, 23.5871,
-5.3988

■ 226.9120, 3.4944,
-0.7998

■ 164.8920, 34.0702,
-7.7983

■ 248.1760, -6.9888,
1.5996

■ 144.5140, 44.1166,
-10.0978

■ 252.6060, -9.1728,
2.0995

■ 123.2500, 54.5998,
-12.4972

■ 102.8720, 64.6461,
-14.7967

■ 82.4940, 74.6925,
-17.0962

■ 61.2300, 85.1756,
-19.4957

■ 40.8520, 95.2220,
-21.7952

■ 26.6760, 102.2107,
-23.3949

Harmonies

Analogous

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



204.0160, 15.7681, -17.5540



206.5340, 13.5407, -3.0993



208.2540, 8.2558, 12.0552

Triad

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



206.5340, 13.5407, -3.0993



206.9400, -12.2954, 23.7316



200.1450, -0.0715, -23.8062

Complementary

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



206.5340, 13.5407, -3.0993



230.4660, -13.5407, 3.0993

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.



201.8600, -7.8190, -12.1552



206.5340, 13.5407, -3.0993



205.4890, -15.0311, 14.4801

Square

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



206.5340, 13.5407, -3.0993



207.8570, -6.3385, 26.4354



203.8680, -13.2459, 1.8698



199.8760, 7.9491, -29.7093

Rectangle

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



206.5340, 13.5407, -3.0993



208.7450, 3.5767, 19.5176



203.8680, -13.2459, 1.8698



201.0700, -2.9925, -20.2324

Sweetspot

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



206.5340, 13.5407, -3.0993



246.1400, 4.3680, -0.9998



224.7310, 4.5696, -19.0581



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.



206.5340, 13.5407, -3.0993



218.6740, 17.9087, -4.0991



211.3180, 11.1822, 6.7371



107.2540, 4.8048, -1.0998



20.6340, 79.0604, -18.0960



6.1560, 23.5871, -5.3988

Inverse Universe

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



215.8030, 8.9711, 15.9588



230.9330, 11.8650, 21.1068



225.9810, -11.3296, -6.1223



110.5430, 3.1833, 5.6628



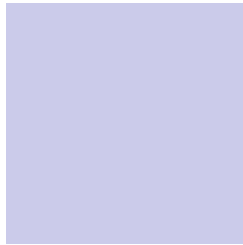
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 206.5340, 13.5407, -3.0993 looks on a white background.

Color Contrast Check

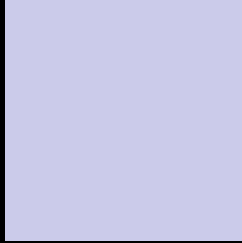
Large Text (above 18pt) WCAG AA × Fail

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 206.5340, 13.5407, -3.0993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

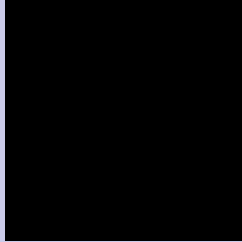
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.5340, 13.5407, -3.0993

Background



This preview shows how black text looks on a background with the YUV color 206.5340, 13.5407, -3.0993.



This preview shows how white text looks on a background with the YUV color 206.5340, 13.5407, -3.0993.

-3.0993.

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

206.5340, 13.5407, -3.0993

Protanopia

206.3380, 14.1304, -5.5584

Deuteranopia

207.5780, 13.5190, 3.8781



Tritanopia

205.6280, 7.5784, -4.0588

Trichromacy



Original Color

206.5340, 13.5407, -3.0993

Protanomaly

206.6370, 13.9830, -4.9436

Deuteranomaly

207.2680, 13.6719, 1.5190

Tritanomaly

205.9100, 9.9044, -3.4291

Monochromacy



Original Color

206.5340, 13.5407, -3.0993

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

207.2540, 4.8048, -1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.5340, 13.5407, -3.0993 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, 203, 234)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 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(203, 203, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 234) }
```

Border

The CSS property to change the border of an element to YUV 206.5340, 13.5407, -3.0993 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, 203, 234) }
```


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

```
.border{ border-color:rgb(203, 203, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 203, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 234);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 206.5340, 13.5407, -3.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 234) }
```

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

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