

Converting Colors

YUV(207.7690, 6.5229,
-85.7434)

Have a look what the booklet for
YUV(207.7690, 6.5229, -85.7434)
contains.

YUV(207.7690, 6.5229, -85.7434)	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(207.7690, 6.5229,
-85.7434)**

Conversions

Conversions Part 1

Format	Color
Hex	6EFFDD
RGB	110, 255, 221
RGB Percent	43%, 100%, 87%
CMY	0.5686, 0.0000, 0.1333
CMYK	0.57, 0.00, 0.13, 0.00
HSL	166°, 100%, 72%
HSV	166°, 57%, 100%
XYZ	55.2416, 80.0555, 80.9473
YIQ	207.7690, -75.5060, -41.3140

Conversions

Conversions Part 2

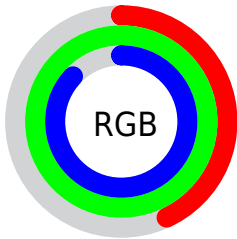
Format	Color
RYB	110, 192, 255
Decimal	7274461
CIELab	91.71, -47.00, 4.53
CIELCh	92, 47.218, 174.499
Yxy	80.0555, 0.2555, 0.3702
Android (android.graphics.Color)	4285464541 (0xFF6EFFDD)
YUV	207.7690, 6.5229, -85.7434
Hunter-Lab	89.4737, -46.3721, 8.9916

Details

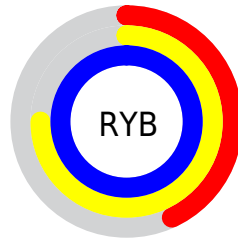
The YUV color **207.7690, 6.5229, -85.7434** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **157.2310, -6.5229, 85.7434**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1830, 12.2348, -51.0265**, and **144.4300, 10.6340, -97.7241** is the 20% darker color. If you saturate the color by 10%, you get **199.6100, 7.5873, -100.5130**, and if you desaturate by 10%, it is **216.2270, 5.3111, -70.3591**.

Distribution



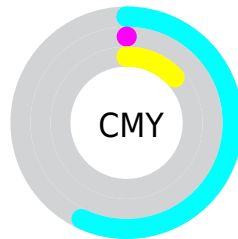
- Red (43%)
- Green (100%)
- Blue (87%)



- Red (43%)
- Yellow (75%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.7690, 6.5229, -85.7434 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 207.7690, 6.5229, -85.7434 by changing the saturation by 10% instead.

 207.7690, 6.5229,
-85.7434

 207.7690, 6.5229,
-85.7434

255.0000, 0.0000,
0.0000


 177.3880, 7.6967,
-88.9173


 230.1830, 12.2348,
-51.0265

 144.4300, 10.6340,
-97.7241


 239.4520, 7.6652,
-31.9684

 115.7500, 11.9552,
-101.5127

 248.4220, 3.2430,
-13.5251

 96.9370, 8.4121,
-85.0137

 78.3520, 5.7425,
-68.7147

 60.9410, 2.4941,
-53.4453

 43.7580, 0.1193,

-38.3758

■ 28.5640, -2.2501,
-25.0506

■ 7.0440, -3.4727,
-6.1776

■ 207.7690, 6.5229,
-85.7434

■ 207.7690, 6.5229,
-85.7434

■ 199.6100, 7.5873,
-100.5130

■ 216.2270, 5.3111,
-70.3591

■ 191.1520, 8.7991,
-115.8973

■ 224.3860, 4.2467,
-55.5895

■ 182.6940, 10.0109,
-131.2816

■ 232.8440, 3.0349,
-40.2052

■ 174.5350, 11.0752,
-146.0512

■ 241.0030, 1.9705,
-25.4356

■ 171.9150, 11.3809,
-150.7695

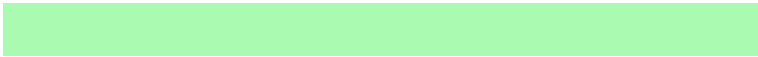
■ 249.4610, 0.7587,
-10.0513

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



217.7580, -20.0937, -41.8838



207.7690, 6.5229, -85.7434



191.9110, 31.1029, -129.7179

Triad

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



207.7690, 6.5229, -85.7434



226.9470, 13.8301, -2.5845



217.6410, -28.9100, 32.7638

Complementary

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



207.7690, 6.5229, -85.7434



157.2310, -6.5229, 85.7434

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.



214.8150, -9.2758, 35.2422



207.7690, 6.5229, -85.7434



226.2370, 14.1802, 25.2252

Square

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



207.7690, 6.5229, -85.7434



213.9250, 20.2500, -55.1852



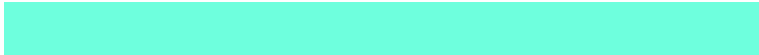
219.3580, 10.6695, 31.2580



224.8670, -41.8394, 26.4266

Rectangle

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



207.7690, 6.5229, -85.7434



190.1500, 31.9711, -128.1735



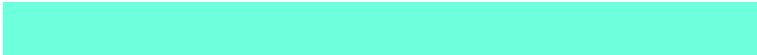
219.3580, 10.6695, 31.2580



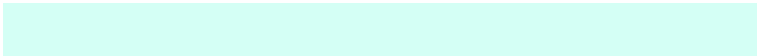
215.9600, -22.6583, 34.2381

Sweetspot

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



207.7690, 6.5229, -85.7434



241.0030, 1.9705, -25.4356



205.8790, -47.2683, -52.5139



119.5420, 1.2118, -15.3843



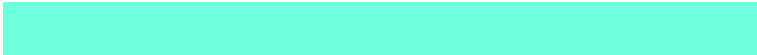
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



207.7690, 6.5229, -85.7434



198.5990, 7.5927, -102.2573



190.5130, 31.7921, -70.6099



123.7710, 0.6059, -7.6922



128.7610, 8.4988, -112.9234



43.1540, 2.8821, -37.8461

Inverse Universe

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



157.2310, -6.5229, 85.7434



138.2870, -8.0295, 102.3573



174.4870, -31.7921, 70.6099



119.2290, -0.6059, 7.6922



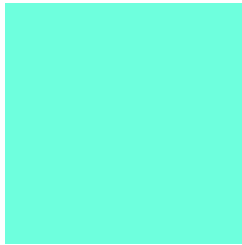
62.2390, -8.4988, 112.9234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 207.7690, 6.5229, -85.7434 looks on a white background.

Color Contrast Check

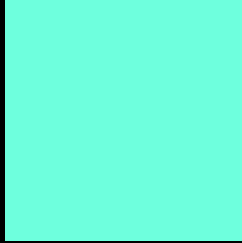
Large Text (above 18pt) WCAG AA × Fail

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 207.7690, 6.5229, -85.7434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

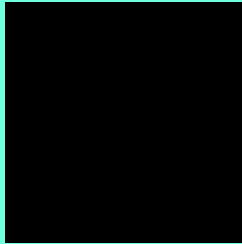
Any Text WCAG AA ✓ Pass

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 207.7690, 6.5229, -85.7434 Background



This preview shows how black text looks on a background with the YUV color 207.7690, 6.5229, -85.7434.



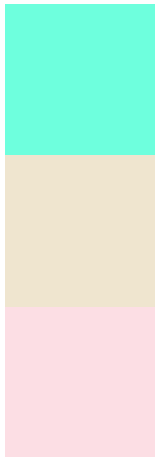
This preview shows how white text looks on a background with the YUV color 207.7690, 6.5229, -85.7434.

-85.7434.

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

207.7690, 6.5229, -85.7434

Protanopia

229.4820, -11.0836, 8.3473

Deuteranopia

231.6540, -1.8014, 17.8434



Tritanopia

222.8510, 15.8495, -43.7193

Trichromacy



Original Color

207.7690, 6.5229, -85.7434



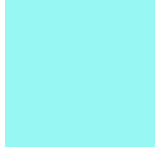
Protanomaly

221.2820, -4.5760, -25.6803



Deuteranomaly

222.8080, 1.0807, -20.0026



Tritanomaly

217.5410, 12.5513, -59.2335

Monochromacy



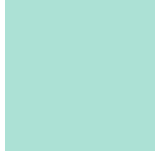
Original Color

207.7690, 6.5229, -85.7434



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

207.7850, 2.5710, -31.3834

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.7690, 6.5229, -85.7434 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(110, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(110, 255, 221)  
}
```

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(110, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 255, 221) }
```

Border

The CSS property to change the border of an element to YUV 207.7690, 6.5229, -85.7434 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(110, 255, 221) }
```


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

```
.border{ border-color:rgb(110, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(110, 255,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 207.7690, 6.5229, -85.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 255, 221) }
```

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

```
.background{ background-color: rgb(110,  
255, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor