

Converting Colors

YUV(207.3700, 15.1006,
-83.6395)

Have a look what the booklet for
YUV(207.3700, 15.1006, -83.6395)
contains.

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Color

**YUV(207.3700, 15.1006,
-83.6395)**

Conversions

Conversions Part 1

Format	Color
Hex	70FAEE
RGB	112, 250, 238
RGB Percent	44%, 98%, 93%
CMY	0.5608, 0.0196, 0.0667
CMYK	0.55, 0.00, 0.05, 0.02
HSL	175°, 93%, 71%
HSV	175°, 55%, 98%
XYZ	56.3003, 77.9890, 92.9750
YIQ	207.3700, -78.3960, -32.9880

Conversions

Conversions Part 2

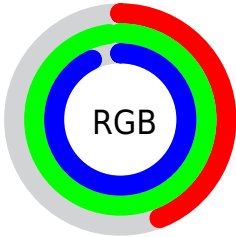
Format	Color
RYB	112, 184, 250
Decimal	7404270
CIELab	90.77, -40.32, -5.65
CIElCh	91, 40.716, 187.974
Yxy	77.9890, 0.2477, 0.3432
Android (android.graphics.Color)	4285594350 (0xFF70FAEE)
YUV	207.3700, 15.1006, -83.6395
Hunter-Lab	88.3114, -40.7475, -0.6030

Details

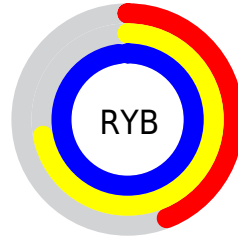
The YUV color $207.3700, 15.1006, -83.6395$ is a light color, and the websafe version is hex $66FFFF$. A complement of this color would be $154.6300, -15.1006, 83.6395$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.7810, 11.9400, -49.7969$, and $145.1020, 18.1907, -94.8055$ is the 20% darker color. If you saturate the color by 10%, you get $199.6670, 17.9122, -98.8090$, and if you desaturate by 10%, it is $215.0730, 12.2890, -68.4700$.

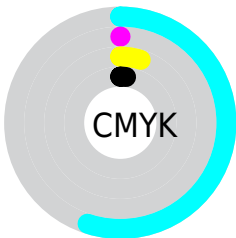
Distribution



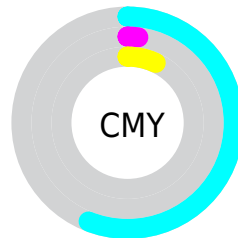
- Red (44%)
- Green (98%)
- Blue (93%)



- Red (44%)
- Yellow (72%)
- Blue (98%)



- Cyan (55%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (56%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.3700, 15.1006, -83.6395 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 207.3700, 15.1006, -83.6395 by changing the saturation by 10% instead.

207.3700, 15.1006,
-83.6395

207.3700, 15.1006,
-83.6395

255.0000, 0.0000,
0.0000

177.2880, 16.1270,
-86.1986

230.7810, 11.9400,
-49.7969

145.1020, 18.1907,
-94.8055

239.7510, 7.5178,
-31.3536

114.5250, 19.9542,
-100.4384

249.0200, 2.9481,
-12.2955

95.7120, 16.4110,
-83.9394

77.6000, 13.0152,
-68.0552

60.1890, 9.7668,
-52.7858

43.4790, 6.6659,

-38.1311

■ 28.1710, 3.8597,
-24.7060

■ 5.3460, 5.2524,
-4.6884

■ 207.3700, 15.1006,
-83.6395

■ 207.3700, 15.1006,
-83.6395

■ 199.6670, 17.9122,
-98.8090

■ 215.0730, 12.2890,
-68.4700

■ 191.9640, 20.7237,
-113.9784

■ 222.7760, 9.4774,
-53.3006

■ 184.1470, 23.0985,
-129.0479

■ 230.5930, 7.1027,
-38.2311

■ 176.4440, 25.9101,
-144.2174

■ 238.2960, 4.2911,
-23.0616

■ 172.7420, 27.2422,
-151.4947

■ 245.9990, 1.4795,
-7.8921

■ 251.6090, -0.3002,
2.9739

■ 251.8370, 0.5734,
2.7740

■ 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



214.7920, -8.2785, -51.5606



207.3700, 15.1006, -83.6395



203.0510, 25.6109, -94.7607

Triad

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



207.3700, 15.1006, -83.6395



229.1280, 12.7549, 15.6737



220.9350, -31.5200, 29.8750

Complementary

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



207.3700, 15.1006, -83.6395



154.6300, -15.1006, 83.6395

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.



216.7410, -17.1273, 33.5531



207.3700, 15.1006, -83.6395



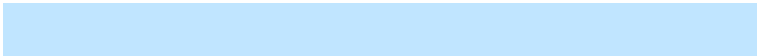
224.4760, 15.0483, 26.7695

Square

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



207.3700, 15.1006, -83.6395



220.9010, 16.8108, -25.3462



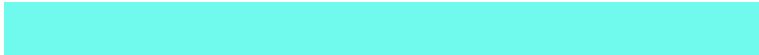
218.0240, 0.4812, 32.4280



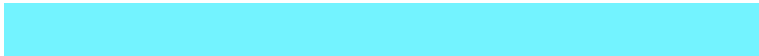
225.4790, -36.7181, 17.1199

Rectangle

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



207.3700, 15.1006, -83.6395



206.0960, 24.1097, -79.8912



218.0240, 0.4812, 32.4280



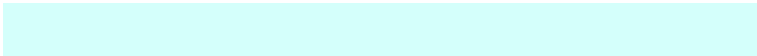
219.3850, -27.3048, 31.2344

Sweetspot

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



207.3700, 15.1006, -83.6395



241.6870, 4.5913, -26.0355



197.1920, -41.9997, -62.4354



119.8840, 2.5222, -15.6843



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.



207.3700, 15.1006, -83.6395



203.0580, 18.2124, -101.7829



176.4530, 36.2587, -56.5253



120.9990, 1.4795, -7.8921



130.5510, 20.4344, -114.4932



42.1910, 6.8078, -37.0015

Inverse Universe

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



154.6300, -15.1006, 83.6395



138.8280, -18.6492, 101.8828



185.5470, -36.2587, 56.5253



116.1150, -1.0427, 7.7921



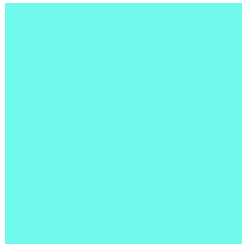
58.3350, -20.8712, 114.5932



18.8090, -6.8078, 37.0015

Previews

White Background



This preview shows how the YUV color 207.3700, 15.1006, -83.6395 looks on a white background.

Color Contrast Check

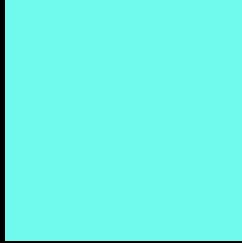
Large Text (above 18pt) WCAG AA × Fail

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 207.3700, 15.1006, -83.6395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

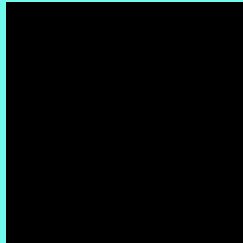
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

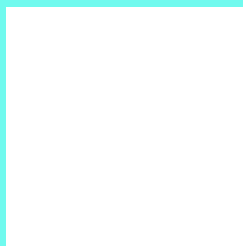
Any Text WCAG AAA ✓ Pass

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

YUV 207.3700, 15.1006, -83.6395 Background



This preview shows how black text looks on a background with the YUV color 207.3700, 15.1006, -83.6395.



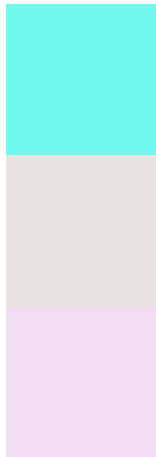
This preview shows how white text looks on a background with the YUV color 207.3700, 15.1006,

-83.6395.

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

207.3700, 15.1006, -83.6395

Protanopia

227.5660, -1.7580, 3.8886

Deuteranopia

229.0150, 7.3876, 10.5108



Tritanopia

218.3880, 18.0497, -49.4523

Trichromacy



Original Color

207.3700, 15.1006, -83.6395



Protanomaly

220.2630, 4.3073, -28.2947



Deuteranomaly

221.1910, 10.2588, -23.8465



Tritanomaly

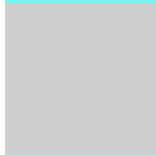
214.6700, 16.9247, -61.9776

Monochromacy



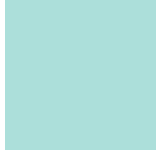
Original Color

207.3700, 15.1006, -83.6395



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

207.1810, 5.3338, -30.8537

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.3700, 15.1006, -83.6395 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(112, 250, 238)` looks like.

```
.text, #text, p{  
    color:rgb(112, 250, 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(112, 250, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 250, 238) }
```

Border

The CSS property to change the border of an element to YUV 207.3700, 15.1006, -83.6395 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(112, 250, 238) }
```


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

```
.border{ border-color:rgb(112, 250, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 250, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 250, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 250, 238);  
box-shadow:4px 4px 4px 4px rgb(112, 250,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 207.3700, 15.1006, -83.6395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 250, 238) }
```

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

```
.background{ background-color: rgb(112,  
250, 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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