

Converting Colors

YUV(206.9430, 5.9441,
-86.7730)

Have a look what the booklet for
YUV(206.9430, 5.9441, -86.7730)
contains.

YUV(206.9430, 5.9441, -86.7730)	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(206.9430, 5.9441,
-86.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	6CFFDB
RGB	108, 255, 219
RGB Percent	42%, 100%, 86%
CMY	0.5765, 0.0000, 0.1412
CMYK	0.58, 0.00, 0.14, 0.00
HSL	165°, 100%, 71%
HSV	165°, 58%, 100%
XYZ	54.7305, 79.8226, 79.5405
YIQ	206.9430, -76.0560, -42.3600

Conversions

Conversions Part 2

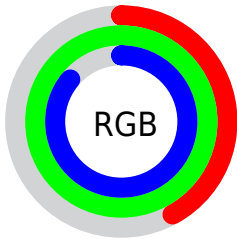
Format	Color
RYB	108, 192, 255
Decimal	7143387
CIELab	91.61, -47.84, 5.40
CIELCh	92, 48.145, 173.558
Yxy	79.8226, 0.2556, 0.3728
Android (android.graphics.Color)	4285333467 (0xFF6CFFDB)
YUV	206.9430, 5.9441, -86.7730
Hunter-Lab	89.3435, -47.0046, 9.7559

Details

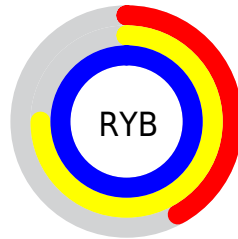
The YUV color $206.9430, 5.9441, -86.7730$ is a light color, and the websafe version is hex $66FFCC$. A complement of this color would be $156.0570, -5.9441, 86.7730$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.5850, 12.5296, -52.2560$, and $142.7070, 10.4974, -100.5980$ is the 20% darker color. If you saturate the color by 10%, you get $198.7840, 7.0085, -101.5426$, and if you desaturate by 10%, it is $215.4010, 4.7323, -71.3887$.

Distribution



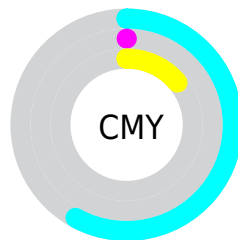
- Red (42%)
- Green (100%)
- Blue (86%)



- Red (42%)
- Yellow (75%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.9430, 5.9441, -86.7730 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 206.9430, 5.9441, -86.7730 by changing the saturation by 10% instead.


 206.9430, 5.9441,
-86.7730

 206.9430, 5.9441,
-86.7730


255.0000, 0.0000,
0.0000


 176.5620, 7.1179,
-89.9469

 229.5850, 12.5296,
-52.2560


 142.7070, 10.4974,
-100.5980


 238.8540, 7.9600,
-33.1980

 115.5220, 11.0817,
-101.3128

 248.1230, 3.3904,
-14.1399

 96.7090, 7.5385,
-84.8138

 78.1240, 4.8689,
-68.5147

 60.8270, 2.0573,
-53.3453

 43.6440, -0.3175,

-38.2758

■ 28.3360, -3.1236,
-24.8507

■ 6.4570, -3.1833,
-5.6628

■ 206.9430, 5.9441,
-86.7730

■ 206.9430, 5.9441,
-86.7730

■ 198.7840, 7.0085,
-101.5426

■ 215.4010, 4.7323,
-71.3887

■ 190.3260, 8.2203,
-116.9269

■ 223.5600, 3.6679,
-56.6191

■ 182.0530, 8.8479,
-131.5965

■ 232.1320, 2.8929,
-41.3348

■ 173.5950, 10.0597,
-146.9808

■ 240.2910, 1.8285,
-26.5652

■ 171.6870, 10.5073,
-150.5695

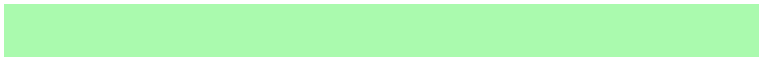
■ 248.7490, 0.6167,
-11.1809

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.



217.4160, -21.4041, -41.5838



206.9430, 5.9441, -86.7730



187.1270, 33.4614, -139.5544

Triad

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



206.9430, 5.9441, -86.7730



226.3490, 14.1249, -3.8141



216.9400, -29.0574, 33.3786

Complementary

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



206.9430, 5.9441, -86.7730



156.0570, -5.9441, 86.7730

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.



214.2280, -8.9864, 35.7570



206.9430, 5.9441, -86.7730



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.



206.9430, 5.9441, -86.7730



212.7180, 20.8450, -59.3887



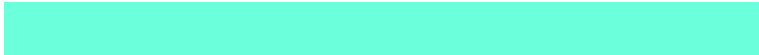
218.9990, 11.8325, 31.5729



224.1660, -41.9868, 27.0414

Rectangle

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



206.9430, 5.9441, -86.7730



183.2730, 35.3614, -142.3134



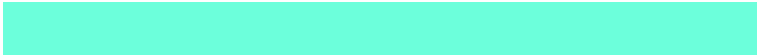
218.9990, 11.8325, 31.5729



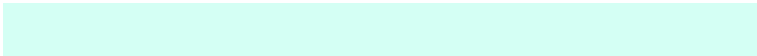
215.2590, -22.8057, 34.8529

Sweetspot

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



206.9430, 5.9441, -86.7730



240.8890, 1.5337, -25.3357



205.3520, -47.9945, -52.9287



119.4280, 0.7750, -15.2844



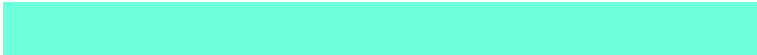
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



206.9430, 5.9441, -86.7730



197.4740, 7.1613, -103.9017



189.3280, 32.3763, -71.3247



123.6570, 0.1691, -7.5922



128.5330, 7.6252, -112.7234



43.0400, 2.4453, -37.7461

Inverse Universe

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



156.0570, -5.9441, 86.7730



136.5260, -7.1613, 103.9017



173.6720, -32.3763, 71.3247



119.2290, -0.6059, 7.6922



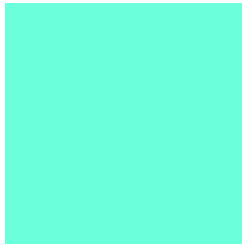
62.4670, -7.6252, 112.7234



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 206.9430, 5.9441, -86.7730 looks on a white background.

Color Contrast Check

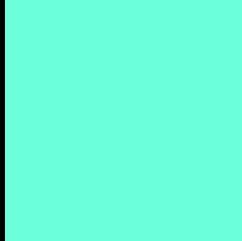
Large Text (above 18pt) WCAG AA × Fail

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 206.9430, 5.9441, -86.7730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

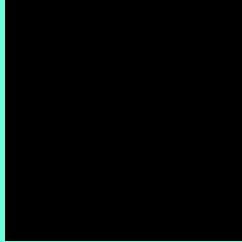
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.9430, 5.9441, -86.7730

Background



This preview shows how black text looks on a background with the YUV color 206.9430, 5.9441, -86.7730.

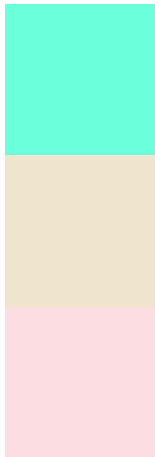


This preview shows how white text looks on a background with the YUV color 206.9430, 5.9441, -86.7730.

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

206.9430, 5.9441, -86.7730

Protanopia

228.6670, -11.6678, 9.0620

Deuteranopia

231.4260, -2.6750, 18.0434



Tritanopia

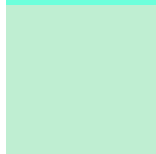
222.5520, 15.9969, -44.3341

Trichromacy



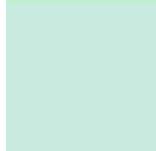
Original Color

206.9430, 5.9441, -86.7730



Protanomaly

220.7550, -5.3022, -26.0951



Deuteranomaly

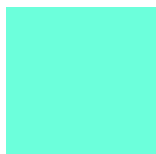
222.5800, 0.2071, -19.8027



Tritanomaly

217.1280, 12.2619, -59.7483

Monochromacy



Original Color

206.9430, 5.9441, -86.7730



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

206.6710, 2.1342, -31.2835

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.9430, 5.9441, -86.7730 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(108, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(108, 255, 219)  
}
```

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(108, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 255, 219) }
```

Border

The CSS property to change the border of an element to YUV 206.9430, 5.9441, -86.7730 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(108, 255, 219) }
```


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

```
.border{ border-color:rgb(108, 255, 219) }
```

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

Here you see how a box with a 4 pixel rgb(108, 255, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(108, 255,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 206.9430, 5.9441, -86.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 255, 219) }
```

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

```
.background{ background-color: rgb(108,  
255, 219) }
```

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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