

# Converting Colors

YUV(206.3750, 14.1121,  
-93.2909)

Have a look what the booklet for  
YUV(206.3750, 14.1121, -93.2909)  
contains.

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# Color

**YUV(206.3750, 14.1121,  
-93.2909)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64FFE8
RGB	100, 255, 235
RGB Percent	39%, 100%, 92%
CMY	0.6078, 0.0000, 0.0784
CMYK	0.61, 0.00, 0.08, 0.00
HSL	172°, 100%, 70%
HSV	172°, 61%, 100%
XYZ	56.0109, 80.2275, 91.1306
YIQ	206.3750, -85.9600, -39.0800

# Conversions

## Conversions Part 2

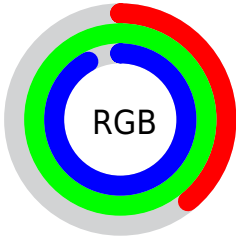
Format	Color
<a href="#">RYB</a>	<a href="#">100, 183, 255</a>
Decimal	<a href="#">6619115</a>
CIELab	<a href="#">91.79, -45.40, -2.64</a>
CIElCh	<a href="#">92, 45.481, 183.328</a>
Yxy	<a href="#">80.2275, 0.2463, 0.3529</a>
Android (android.graphics.Color)	<a href="#">4284809195</a> ( <a href="#">0xFF64FFEB</a> )
YUV	<a href="#">206.3750, 14.1121, -93.2909</a>
Hunter-Lab	<a href="#">89.5698, -45.1252, 2.3757</a>

# Details

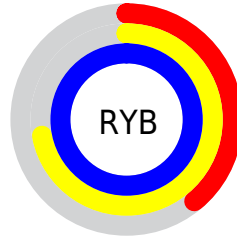
The YUV color **206.3750, 14.1121, -93.2909** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **148.6250, -14.1121, 93.2909**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0900, 13.2666, -55.3299**, and **136.6320, 20.8874, -119.8263** is the 20% darker color. If you saturate the color by 10%, you get **198.5580, 16.4869, -108.3604**, and if you desaturate by 10%, it is **214.1920, 11.7373, -78.2214**.

# Distribution



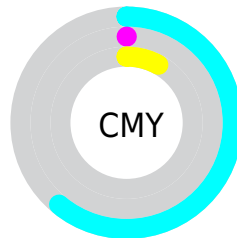
- Red (39%)
- Green (100%)
- Blue (92%)



- Red (39%)
- Yellow (72%)
- Blue (100%)



- Cyan (61%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (61%)
- Magenta (0%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 206.3750, 14.1121, -93.2909 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 206.3750, 14.1121, -93.2909 by changing the saturation by 10% instead.



206.3750, 14.1121,  
-93.2909

206.3750, 14.1121,  
-93.2909

255.0000, 0.0000,  
0.0000

175.0970, 15.7282,  
-98.3091

228.0900, 13.2666,  
-55.3299

136.6320, 20.8874,  
-119.8263

237.3590, 8.6970,  
-36.2718

117.2320, 17.6336,  
-102.8125

246.6280, 4.1274,  
-17.2138

98.4190, 14.0904,  
-86.3135

79.7200, 10.9840,  
-69.9144

62.3090, 7.7357,  
-54.6450

45.0120, 4.9241,

-39.4755

■ 29.7040, 2.1179,  
-26.0504

■ 8.9990, 1.4795,  
-7.8921

■ 206.3750, 14.1121,  
-93.2909

■ 206.3750, 14.1121,  
-93.2909

■ 198.5580, 16.4869,  
-108.3604

■ 214.1920, 11.7373,  
-78.2214

■ 190.3280, 18.5723,  
-123.9447

■ 222.4220, 9.6520,  
-62.6371

■ 182.5110, 20.9471,  
-139.0141

■ 230.5380, 7.1298,  
-46.9528

■ 174.9930, 23.1745,  
-153.4689

■ 238.3550, 4.7550,  
-31.8833

■ 246.1720, 2.3802,  
-16.8138

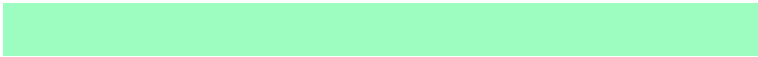
■ 254.4020, 0.2948,  
-1.2296

■ 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.



216.6410, -12.6410, -52.3052



206.3750, 14.1121, -93.2909



195.2220, 29.4706, -119.4667

# Triad

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



206.3750, 14.1121, -93.2909



229.6930, 12.4764, 11.6702



220.0060, -32.5410, 30.6897

# Complementary

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



206.3750, 14.1121, -93.2909



148.6250, -14.1121, 93.2909

# 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.



216.0230, -14.8013, 34.1828



206.3750, 14.1121, -93.2909



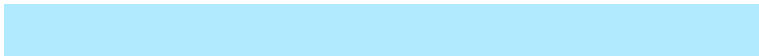
225.0630, 14.7589, 26.2547

# Square

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



206.3750, 14.1121, -93.2909



219.3510, 17.5750, -37.1418



218.4630, 4.7017, 32.0429

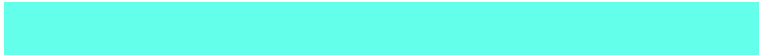


227.5570, -41.6866, 24.0675



# Rectangle

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



206.3750, 14.1121, -93.2909



199.7510, 27.2378, -103.2676



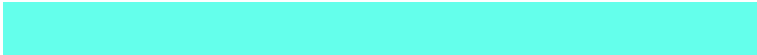
218.4630, 4.7017, 32.0429



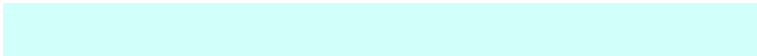
218.0970, -27.1628, 32.3639

# Sweetspot

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



206.3750, 14.1121, -93.2909



240.5620, 4.1599, -27.6799



197.2640, -47.9512, -66.8835



118.8730, 2.5276, -17.4286



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

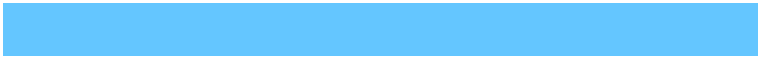
The Same Dimension uses a secret algorithm to generate beautiful new colors.



206.3750, 14.1121, -93.2909



196.6500, 16.9345, -111.9490



175.1960, 39.3434, -65.9469



123.8850, 1.0427, -7.7921



131.1550, 17.6716, -115.0229



43.9520, 5.9397, -38.5459



# Inverse Universe

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



148.6250, -14.1121, 93.2909



127.3500, -16.9345, 111.9490



179.8040, -39.3434, 65.9469



119.0010, -1.4795, 7.8921



59.9590, -17.2348, 114.9230

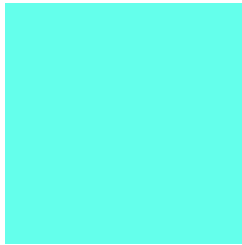


20.0480, -5.9397, 38.5459



# Previews

## White Background



This preview shows how the YUV color 206.3750, 14.1121, -93.2909 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

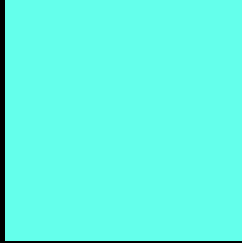
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 206.3750, 14.1121, -93.2909 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

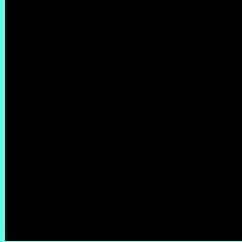
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

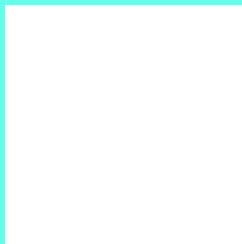
Any Text WCAG AAA ✓ Pass

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

# YUV 206.3750, 14.1121, -93.2909 Background



This preview shows how black text looks on a background with the YUV color 206.3750, 14.1121, -93.2909.



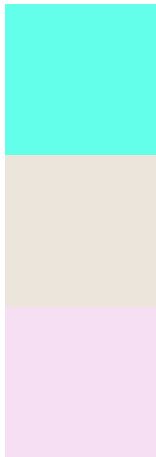
This preview shows how white text looks on a background with the YUV color 206.3750, 14.1121, -93.2909.



# 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

206.3750, 14.1121, -93.2909

### Protanopia

230.0670, -4.9630, 5.2032

### Deuteranopia

232.0430, 4.9088, 12.2403



## Tritanopia

222.5520, 15.9969, -44.3341

# Trichromacy



## Original Color

206.3750, 14.1121, -93.2909



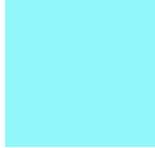
## Protanomaly

221.2690, 1.8394, -30.0539



## Deuteranomaly

222.8980, 7.9383, -26.2205



## Tritanomaly

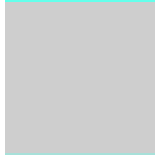
216.9150, 15.3249, -62.1925

# Monochromacy



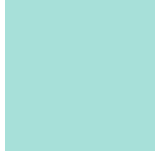
## Original Color

206.3750, 14.1121, -93.2909



## Achromatopsia

206.0000, 0.0000, 0.0000



## Achromatomaly

206.1590, 5.3446, -34.3424

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 206.3750, 14.1121, -93.2909 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(100, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(100, 255, 235)  
}
```

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(100, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 255, 235) }
```

## Border

The CSS property to change the border of an element to YUV 206.3750, 14.1121, -93.2909 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(100, 255, 235) }
```



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

```
.border{ border-color:rgb(100, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(100, 255,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 206.3750, 14.1121, -93.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 255, 235) }
```

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

```
.background{ background-color: rgb(100,  
255, 235) }
```

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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