

Converting Colors

YUV(206.1410, -17.8175,
-72.0377)

Have a look what the booklet for
YUV(206.1410, -17.8175, -72.0377)
contains.

YUV(206.1410, -17.8175, -72.0377)	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(206.1410, -17.8175,
-72.0377)**

Conversions

Conversions Part 1

Format	Color
Hex	7CFFAA
RGB	124, 255, 170
RGB Percent	49%, 100%, 67%
CMY	0.5137, 0.0000, 0.3333
CMYK	0.51, 0.00, 0.33, 0.00
HSL	141°, 100%, 74%
HSV	141°, 51%, 100%
XYZ	51.3279, 78.7074, 50.5170
YIQ	206.1410, -50.7910, -54.2070

Conversions

Conversions Part 2

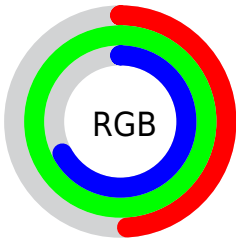
Format	Color
RYB	124, 221, 255
Decimal	8191914
CIELab	91.10, -54.48, 29.83
CIELCh	91, 62.108, 151.297
Yxy	78.7074, 0.2843, 0.4359
Android (android.graphics.Color)	4286381994 (0xFF7CFFAA)
YUV	206.1410, -17.8175, -72.0377
Hunter-Lab	88.7172, -51.9828, 28.3413

Details

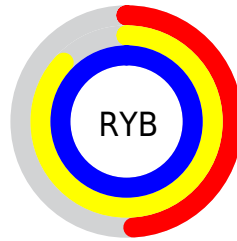
The YUV color **206.1410, -17.8175, -72.0377** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **172.8590, 17.8175, 72.0377**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4650, -2.2012, -40.7498**, and **146.9170, -14.7491, -76.2262** is the 20% darker color. If you saturate the color by 10%, you get **196.7280, -21.5579, -85.7075**, and if you desaturate by 10%, it is **215.8530, -14.2245, -57.7531**.

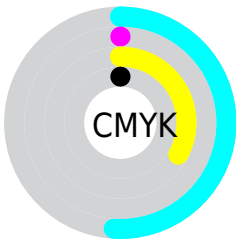
Distribution



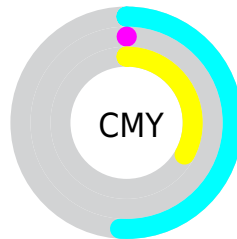
- Red (49%)
- Green (100%)
- Blue (67%)



- Red (49%)
- Yellow (87%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.1410, -17.8175, -72.0377 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 206.1410, -17.8175, -72.0377 by changing the saturation by 10% instead.

■ 206.1410,
-17.8175, -72.0377

■ 206.1410,
-17.8175, -72.0377

■ 255.0000, 0.0000,
0.0000

■ 176.7710,
-16.6491, -73.4672

■ 230.4650, -2.2012,
-40.7498

■ 146.9170,
-14.7491, -76.2262

■ 242.4420, 6.1911,
-25.8206

■ 112.3820,
-10.0483, -90.6660

■ 251.7110, 1.6215,
-6.7625

■ 91.1060, -11.3913,
-79.9000

■ 73.1080, -14.3502,
-64.1157

■ 55.2240, -16.8724,
-48.4314

■ 38.1550, -18.8104,

-33.4619

■ 25.2410, -12.4438,
-22.1364

■ 4.6960, -2.3151,
-4.1184

■ 206.1410,
-17.8175, -72.0377

■ 206.1410,
-17.8175, -72.0377

■ 196.7280,
-21.5579, -85.7075

■ 215.8530,
-14.2245, -57.7531

■ 187.1300,
-24.7141, -100.0920

■ 225.1520,
-10.9209, -43.9833

■ 177.7170,
-28.4545, -113.7618

■ 234.8640, -7.3280,
-29.6987

■ 168.1190,
-31.6107, -128.1464

■ 244.1630, -4.0244,
-15.9290

■ 159.9450,
-34.4829, -140.2718

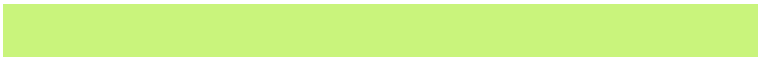
■ 253.8750, -0.4314,
-1.6444

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.



217.4630, -46.0773, -14.4381



206.1410, -17.8175, -72.0377



175.9050, 26.6688, -154.2687

Triad

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



206.1410, -17.8175, -72.0377



205.2870, 24.5085, -67.7807



204.9210, -16.7231, 43.9193

Complementary

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



206.1410, -17.8175, -72.0377



172.8590, 17.8175, 72.0377

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.



207.4240, 10.6370, 41.7242



206.1410, -17.8175, -72.0377



224.9640, 14.8077, 10.5556

Square

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



206.1410, -17.8175, -72.0377



176.4070, 38.7463, -154.7089



217.4320, 18.5210, 32.9471



211.5310, -42.1668, 38.1223

Rectangle

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



206.1410, -17.8175, -72.0377



178.7550, 37.5888, -156.7681



217.4320, 18.5210, 32.9471



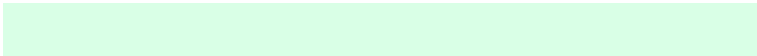
204.6250, -7.7031, 44.1789

Sweetspot

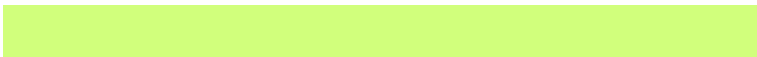
The Sweet Spot groups the original color and five complimentary colors.



206.1410, -17.8175, -72.0377



240.7880, -5.3185, -20.8621



226.3120, -50.4398, -15.1826



119.4130, -3.1616, -12.6402



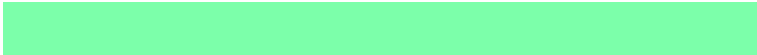
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



206.1410, -17.8175, -72.0377



196.0160, -21.6999, -86.8370



213.5510, 10.5744, -78.5362



123.0870, -2.0149, -7.0923



119.7550, -26.0082, -105.0251



40.0760, -8.9115, -35.1467

Inverse Universe

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



172.8590, 17.8175, 72.0377



155.8700, 21.2631, 86.9370



165.4490, -10.5744, 78.5362



119.7990, 1.5781, 7.1923



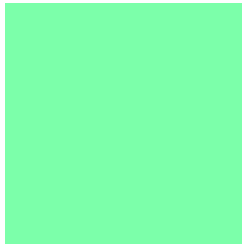
71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 206.1410, -17.8175, -72.0377 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 206.1410, -17.8175, -72.0377 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 206.1410, -17.8175, -72.0377 Background



This preview shows how black text looks on a background with the YUV color 206.1410, -17.8175, -72.0377.



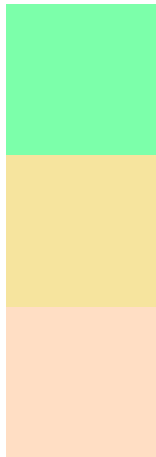
This preview shows how white text looks on a background with the YUV color 206.1410, -17.8175, -72.0377.

-72.0377.

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

206.1410, -17.8175, -72.0377

Protanopia

225.4020, -33.2292, 18.0644

Deuteranopia

228.9030, -16.2212, 22.8871



Tritanopia

221.3780, 16.5756, -43.3045

Trichromacy



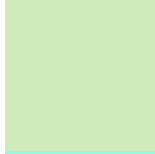
Original Color

206.1410, -17.8175, -72.0377



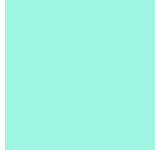
Protanomaly

218.5720, -27.8900, -14.5336



Deuteranomaly

220.5690, -16.5495, -11.9000



Tritanomaly

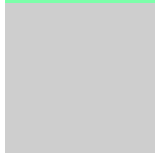
215.6960, 4.0939, -53.2304

Monochromacy



Original Color

206.1410, -17.8175, -72.0377



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

206.1140, -6.4652, -26.4100

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.1410, -17.8175, -72.0377 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(124, 255, 170)` looks like.

```
.text, #text, p{  
    color:rgb(124, 255, 170)  
}
```

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(124, 255, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 255, 170) }
```

Border

The CSS property to change the border of an element to YUV 206.1410, -17.8175, -72.0377 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(124, 255, 170) }
```


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

```
.border{ border-color:rgb(124, 255, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 255, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 255, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 255, 170);  
box-shadow:4px 4px 4px 4px rgb(124, 255,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 206.1410, -17.8175, -72.0377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 255, 170) }
```

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

```
.background{ background-color: rgb(124,  
255, 170) }
```

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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