

Converting Colors

YUV(218.5220, 17.9837,
-75.0028)

Have a look what the booklet for
YUV(218.5220, 17.9837, -75.0028)
contains.

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Color

**YUV(218.5220, 17.9837,
-75.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	85FFFF
RGB	133, 255, 255
RGB Percent	52%, 100%, 100%
CMY	0.4784, 0.0000, 0.0000
CMYK	0.48, 0.00, 0.00, 0.00
HSL	180°, 100%, 76%
HSV	180°, 48%, 100%
XYZ	63.4829, 83.7265, 107.4227
YIQ	218.5220, -72.7120, -25.8640

Conversions

Conversions Part 2

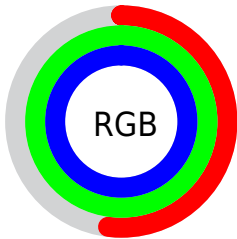
Format	Color
R_{YB}	133, 194, 255
Decimal	8781823
CIE _{Lab}	93.33, -34.20, -10.60
CIE _{LCh}	93, 35.800, 197.221
Yxy	83.7265, 0.2493, 0.3288
Android (android.graphics.Color)	4286971903 (0xFF85FFFF)
YUV	218.5220, 17.9837, -75.0028
Hunter-Lab	91.5022, -36.2882, -5.5543

Details

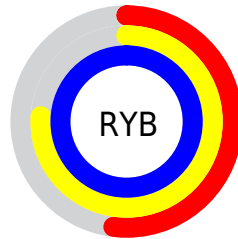
The YUV color **218.5220, 17.9837, -75.0028** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **169.4780, -17.9837, 75.0028**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **159.4290, 19.0155, -79.3062** is the 20% darker color. If you saturate the color by 10%, you get **211.0470, 21.6688, -90.3722**, and if you desaturate by 10%, it is **226.2960, 14.1511, -59.0186**.

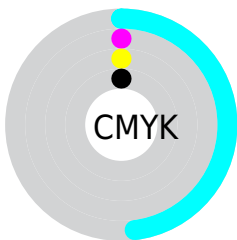
Distribution



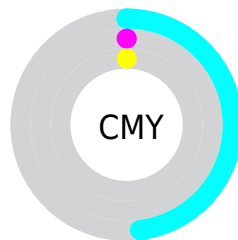
- Red (52%)
- Green (100%)
- Blue (100%)



- Red (52%)
- Yellow (76%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (48%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.5220, 17.9837, -75.0028 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 218.5220, 17.9837, -75.0028 by changing the saturation by 10% instead.


 218.5220, 17.9837,
-75.0028


 218.5220, 17.9837,
-75.0028


255.0000, 0.0000,
0.0000

 188.9240, 18.2785,
-76.2323


 236.4620, 9.1392,
-38.1162


 159.4290, 19.0155,
-79.3062


 245.7310, 4.5696,
-19.0581

 126.4600, 21.9582,
-89.8574

254.7010, 0.1474,
-0.6148

 100.4710, 21.9528,
-88.1131

 82.2450, 18.1202,
-72.1289

 64.7200, 14.4350,
-56.7594

 48.0100, 11.3341,

-42.1048

■ 31.8870, 7.9437,
-27.9649

■ 15.5190, 6.1531,
-13.6102

■ 218.5220, 17.9837,
-75.0028

■ 218.5220, 17.9837,
-75.0028

■ 211.0470, 21.6688,
-90.3722

■ 226.2960, 14.1511,
-59.0186

■ 203.2730, 25.5014,
-106.3564

■ 233.7710, 10.4659,
-43.6492

■ 195.7980, 29.1866,
-121.7258

■ 241.5450, 6.6333,
-27.6650

■ 188.0240, 33.0192,
-137.7100

■ 249.0200, 2.9481,
-12.2955

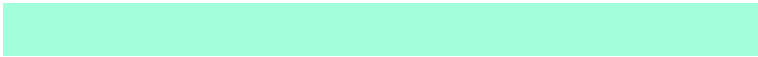
■ 180.5490, 36.7043, 255.0000, 0.0000,
-153.0795 0.0000

■ 178.7550, 37.5888,
-156.7681

Harmonies

Analogous

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



222.5020, -1.7265, -53.0603



218.5220, 17.9837, -75.0028



216.7720, 18.8464, -71.7140

Triad

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



218.5220, 17.9837, -75.0028



234.4550, 10.1287, 18.0180



229.9340, -30.0405, 21.9829

Complementary

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



218.5220, 17.9837, -75.0028



169.4780, -17.9837, 75.0028

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.



225.5290, -18.9948, 25.8461



218.5220, 17.9837, -75.0028



229.4170, 11.1334, 22.4363

Square

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



218.5220, 17.9837, -75.0028



231.3330, 11.6678, -9.0620



224.8400, -3.8651, 26.4503



231.9060, -31.0127, 7.0984

Rectangle

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



218.5220, 17.9837, -75.0028



220.7030, 16.9084, -56.7445



224.8400, -3.8651, 26.4503



228.0420, -27.1357, 23.6422

Sweetspot

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



218.5220, 17.9837, -75.0028



244.2360, 5.3067, -22.1320



204.6140, -35.3057, -62.8055



121.4220, 3.2430, -13.5251



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.



218.5220, 17.9837, -75.0028



211.6450, 21.3740, -89.1427



182.7150, 35.6365, -43.6001



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Inverse Universe

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



183.3860, 35.3057, 62.8055



169.8850, 41.9617, 74.6459



205.2850, -35.6365, 43.6001



120.3690, 3.7621, 6.6924



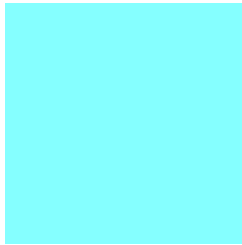
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 218.5220, 17.9837, -75.0028 looks on a white background.

Color Contrast Check

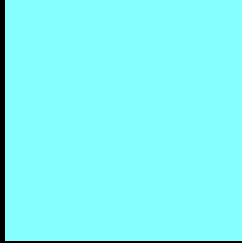
Large Text (above 18pt) WCAG AA × Fail

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 218.5220, 17.9837, -75.0028 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 218.5220, 17.9837, -75.0028

Background



This preview shows how black text looks on a background with the YUV color 218.5220, 17.9837, -75.0028.



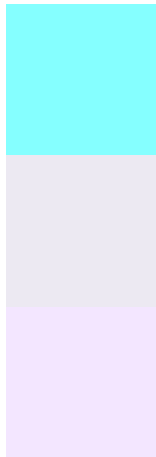
This preview shows how white text looks on a background with the YUV color 218.5220, 17.9837, -75.0028.

-75.0028.

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

218.5220, 17.9837, -75.0028

Protanopia

234.9230, 3.4890, 0.9445

Deuteranopia

236.7370, 9.0037, 5.4927



Tritanopia

229.7060, 12.4699, -33.0682

Trichromacy



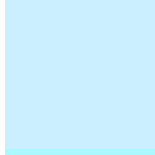
Original Color

218.5220, 17.9837, -75.0028



Protanomaly

229.1260, 8.8119, -26.4205



Deuteranomaly

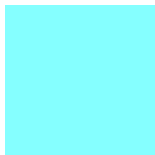
230.0600, 12.2954, -23.7316



Tritanomaly

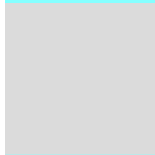
225.7750, 14.4079, -48.0377

Monochromacy



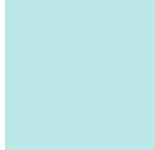
Original Color

218.5220, 17.9837, -75.0028



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.8440, 6.4859, -27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.5220, 17.9837, -75.0028 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(133, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 255)  
}
```

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(133, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 255) }
```

Border

The CSS property to change the border of an element to YUV 218.5220, 17.9837, -75.0028 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(133, 255, 255) }
```


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

```
.border{ border-color:rgb(133, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 218.5220, 17.9837, -75.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 255) }
```

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

```
.background{ background-color: rgb(133,  
255, 255) }
```

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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