

Converting Colors

YUV(203.7490, -16.6383,
-76.9559)

Have a look what the booklet for
YUV(203.7490, -16.6383, -76.9559)
contains.

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Color

**YUV(203.7490, -16.6383,
-76.9559)**

Conversions

Conversions Part 1

Format	Color
Hex	74FFAA
RGB	116, 255, 170
RGB Percent	45%, 100%, 67%
CMY	0.5451, 0.0000, 0.3333
CMYK	0.55, 0.00, 0.33, 0.00
HSL	143°, 100%, 73%
HSV	143°, 55%, 100%
XYZ	50.2182, 78.1353, 50.4651
YIQ	203.7490, -55.5590, -55.9030

Conversions

Conversions Part 2

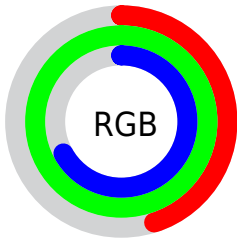
Format	Color
RYB	116, 216, 255
Decimal	7667626
CIELab	90.84, -56.31, 29.43
CIELCh	91, 63.539, 152.405
Yxy	78.1353, 0.2808, 0.4370
Android (android.graphics.Color)	4285857706 (0xFF74FFAA)
YUV	203.7490, -16.6383, -76.9559
Hunter-Lab	88.3942, -53.2810, 28.0267

Details

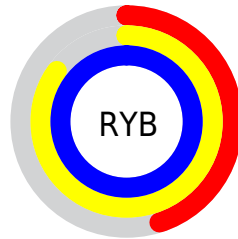
The YUV color **203.7490, -16.6383, -76.9559** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **167.2510, 16.6383, 76.9559**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0730, -1.0220, -45.6680**, and **143.3290, -12.9802, -83.6035** is the 20% darker color. If you saturate the color by 10%, you get **194.1510, -19.7944, -91.3404**, and if you desaturate by 10%, it is **213.3470, -13.4821, -62.5713**.

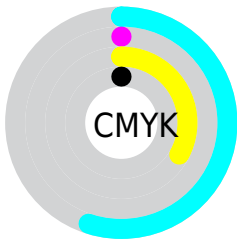
Distribution



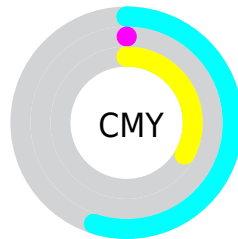
- Red (45%)
- Green (100%)
- Blue (67%)



- Red (45%)
- Yellow (85%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.7490, -16.6383, -76.9559 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 203.7490, -16.6383, -76.9559 by changing the saturation by 10% instead.

■ 203.7490,
-16.6383, -76.9559

■ 203.7490,
-16.6383, -76.9559

■ 255.0000, 0.0000,
0.0000

■ 174.0800,
-15.3224, -79.0002

■ 228.0730, -1.0220,
-45.6680

■ 143.3290,
-12.9802, -83.6035

■ 240.6480, 7.0755,
-29.5093

■ 109.6910, -8.7217,
-96.1990

■ 249.6180, 2.6533,
-11.0660

■ 91.1060, -11.3913,
-79.9000

■ 72.5210, -14.0609,
-63.6009

■ 55.2240, -16.8724,
-48.4314

■ 38.1550, -18.8104,

-33.4619

■ 24.6540, -12.1544,
-21.6216

■ 3.5220, -1.7363,
-3.0888

■ 203.7490,
-16.6383, -76.9559

■ 203.7490,
-16.6383, -76.9559

■ 194.1510,
-19.7944, -91.3404

■ 213.3470,
-13.4821, -62.5713

■ 184.9660,
-22.6612, -105.2102

■ 222.5320,
-10.6153, -48.7016

■ 175.3680,
-25.8174, -119.5947

■ 232.1300, -7.4591,
-34.3170

■ 166.1830,
-28.6842, -133.4645

■ 241.3150, -4.5923,
-20.4473

■ 160.9710,
-30.5517, -141.1716

■ 250.6140, -1.2887,
-6.6775

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.



216.0390, -46.3612, -16.6972



203.7490, -16.6383, -76.9559



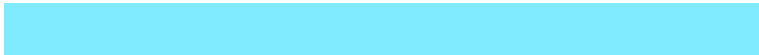
176.1330, 27.5424, -154.4686

Triad

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



203.7490, -16.6383, -76.9559



204.7000, 24.7979, -67.2659



203.8780, -18.1809, 44.8340

Complementary

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



203.7490, -16.6383, -76.9559



167.2510, 16.6383, 76.9559

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.



205.9080, 9.9054, 43.0537



203.7490, -16.6383, -76.9559



224.3880, 15.0917, 12.8147

Square

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



203.7490, -16.6383, -76.9559



175.8200, 39.0357, -154.1941



215.6710, 19.3892, 34.4915



210.3740, -44.0614, 39.1370

Rectangle

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



203.7490, -16.6383, -76.9559



178.7550, 37.5888, -156.7681



215.6710, 19.3892, 34.4915



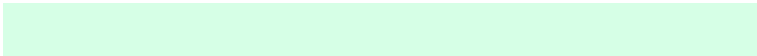
203.1090, -8.4347, 45.5084

Sweetspot

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



203.7490, -16.6383, -76.9559



239.8910, -4.8763, -22.7064



223.3070, -52.9024, -18.6862



118.8150, -2.8668, -13.8698



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.



203.7490, -16.6383, -76.9559



193.8520, -19.6470, -91.9552



211.6150, 13.5008, -83.8544



123.2010, -1.5781, -7.1923



120.5530, -22.9506, -105.7250



40.4180, -7.6011, -35.4466

Inverse Universe

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



167.2510, 16.6383, 76.9559



150.2620, 20.0838, 91.8552



159.3850, -13.5008, 83.8544



119.7990, 1.5781, 7.1923



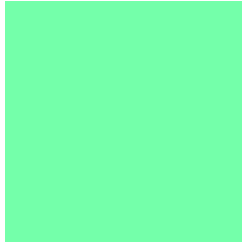
70.4470, 22.9506, 105.7250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 203.7490, -16.6383, -76.9559 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 203.7490, -16.6383, -76.9559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

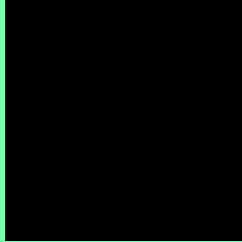
Any Text WCAG AA ✓ Pass

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 203.7490, -16.6383, -76.9559 Background



This preview shows how black text looks on a background with the YUV color 203.7490, -16.6383, -76.9559.



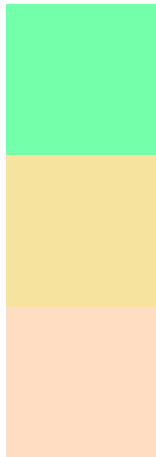
This preview shows how white text looks on a background with the YUV color 203.7490, -16.6383, -76.9559.

-76.9559.

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

203.7490, -16.6383, -76.9559

Protanopia

224.5160, -32.7924, 17.9645

Deuteranopia

228.0880, -16.8054, 23.6018



Tritanopia

219.8830, 17.3127, -46.3784

Trichromacy



Original Color

203.7490, -16.6383, -76.9559



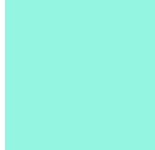
Protanomaly

216.7890, -27.0110, -16.4780



Deuteranomaly

218.8570, -16.6915, -13.0296



Tritanomaly

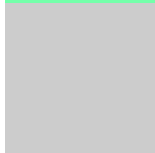
213.6030, 5.1257, -57.5338

Monochromacy



Original Color

203.7490, -16.6383, -76.9559



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.2170, -6.0230, -28.2543

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.7490, -16.6383, -76.9559 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(116, 255, 170)` looks like.

```
.text, #text, p{  
    color:rgb(116, 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(116, 255, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 255, 170) }
```

Border

The CSS property to change the border of an element to YUV 203.7490, -16.6383, -76.9559 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(116, 255, 170) }
```


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

```
.border{ border-color:rgb(116, 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(116, 255, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 255, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 255, 170);  
box-shadow:4px 4px 4px 4px rgb(116, 255,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 203.7490, -16.6383, -76.9559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 255, 170) }
```

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

```
.background{ background-color: rgb(116,  
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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