

Converting Colors

YUV(19.9500, 76.4397,
-17.4962)

Have a look what the booklet for
YUV(19.9500, 76.4397, -17.4962)
contains.

YUV(19.9500, 76.4397, -17.4962)	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>	30

Color

**YUV(19.9500, 76.4397,
-17.4962)**

Conversions

Conversions Part 1

Format	Color
Hex	0000AF
RGB	0, 0, 175
RGB Percent	0%, 0%, 69%
CMY	1.0000, 1.0000, 0.3137
CMYK	1.00, 1.00, 0.00, 0.31
HSL	240°, 100%, 34%
HSV	240°, 100%, 69%
XYZ	7.7379, 3.0951, 40.7470
YIQ	19.9500, -56.1750, 54.4250

Conversions

Conversions Part 2

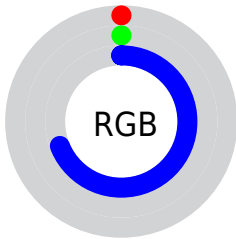
Format	Color
R_{YB}	0, 0, 175
Decimal	175
CIE _{Lab}	20.42, 59.72, -81.33
CIE _{LCh}	20, 100.899, 306.287
Yxy	3.0951, 0.1500, 0.0600
Android (android.graphics.Color)	4278190255 (0xFF0000AF)
YUV	19.9500, 76.4397, -17.4962
Hunter-Lab	17.5930, 47.7211, -125.0059

Details

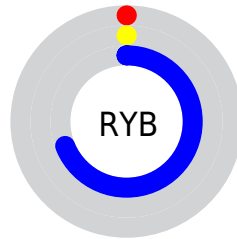
The YUV color **19.9500, 76.4397, -17.4962** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **155.0500, -76.4396, 17.4962**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.3830, 69.8172, 6.6801**, and **13.7940, 52.8526, -12.0973** is the 20% darker color. If you saturate the color by 10%, you get **19.9500, 76.4397, -17.4962**, and if you desaturate by 10%, it is **35.0120, 69.0141, -15.7965**.

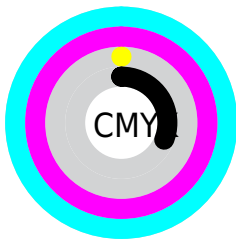
Distribution



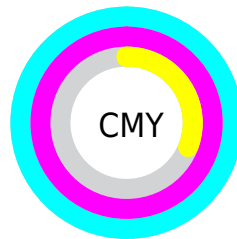
- Red (0%)
- Green (0%)
- Blue (69%)



- Red (0%)
- Yellow (0%)
- Blue (69%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.9500, 76.4397, -17.4962 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 19.9500, 76.4397, -17.4962 by changing the saturation by 10% instead.

■ 19.9500, 76.4397,
-17.4962

■ 19.9500, 76.4397,
-17.4962

■ 251.4780, 1.7363,
3.0888

■ 16.7580, 64.2093,
-14.6968

■ 90.3830, 69.8172,
6.6801

■ 13.7940, 52.8526,
-12.0973

■ 117.2480, 67.9117,
11.1835

■ 10.8300, 41.4958,
-9.4979

■ 141.7790, 55.8180,
16.8568

■ 12.6760, 28.2607,
-11.1169

■ 166.8970, 43.4348,
22.0153

■ 7.7060, 19.3719,
-6.7582

■ 191.7160, 31.1990,
26.5591

■ 3.4370, 10.6306,
-3.0142

■ 217.4210, 18.5264,

■ 0.0000, 0.0000,

31.2028

0.0000

■ 234.4550, 10.1287,
18.0180

■ 19.9500, 76.4397,
-17.4962

■ 35.0120, 69.0141,
-15.7965

■ 50.9600, 61.1517,
-13.9969

■ 66.9080, 53.2894,
-12.1973

■ 81.9700, 45.8638,
-10.4977

■ 97.9180, 38.0014,
-8.6981

■ 112.9800, 30.5759,
-6.9985

■ 128.0420, 23.1503,
-5.2988

■ 143.9900, 15.2879,
-3.4992

■ 159.9380, 7.4256,
-1.6996

Harmonies

Analogous

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



59.8780, 72.0381, -52.5130



19.9500, 76.4397, -17.4962



54.2150, 27.9950, 74.3564

Triad

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



19.9500, 76.4397, -17.4962



33.7430, -16.6353, 62.4924



47.7990, 7.9871, -41.9197

Complementary

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



19.9500, 76.4397, -17.4962



155.0500, -76.4396, 17.4962

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.



39.9160, -19.6786, -35.0063



19.9500, 76.4397, -17.4962



45.4630, -22.4133, 2.2249

Square

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



19.9500, 76.4397, -17.4962



43.6540, -21.5214, 89.7574



37.5680, -18.5210, -32.9471



58.6970, 39.5894, -51.4773

Rectangle

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



19.9500, 76.4397, -17.4962



54.9080, 3.4964, 92.1657



37.5680, -18.5210, -32.9471



44.8350, -3.3697, -39.3203

Sweetspot

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



19.9500, 76.4397, -17.4962



166.7520, 29.7023, -6.7985



122.6750, 25.7962, -107.5860



77.7880, 18.3455, -4.1991



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



19.9500, 76.4397, -17.4962



25.8780, 99.1531, -22.6950



46.2620, 63.4678, 36.6042



79.0260, 3.9312, -0.8998



17.1000, 65.5197, -14.9967



2.6220, 10.0464, -2.2995

Inverse Universe

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



72.2750, 50.6434, 90.0898



93.7510, 65.6918, 116.8594



129.0370, -63.6152, -35.9894



81.7170, 2.6045, 4.6332



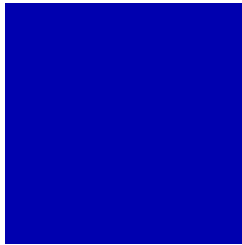
61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 19.9500, 76.4397, -17.4962 looks on a white background.

Color Contrast Check

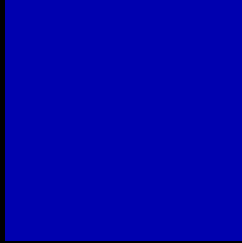
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 19.9500, 76.4397, -17.4962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

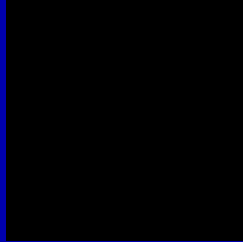
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.9500, 76.4397, -17.4962

Background



This preview shows how black text looks on a background with the YUV color 19.9500, 76.4397, -17.4962.



This preview shows how white text looks on a background with the YUV color 19.9500, 76.4397, -17.4962.

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



Protanopia

42.1350, 31.9784, -36.9524

Deuteranopia

42.6590, 23.8321, -37.4119

Tritanopia

41.5870, 9.5706, -36.4718

Trichromacy



Protanomaly

33.8320, 48.3968, -29.6707

Deuteranomaly

34.4530, 43.1607, -30.2153

Tritanomaly

33.9340, 33.5565, -29.7601

Monochromacy



Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.1820, 27.5183, -6.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.9500, 76.4397, -17.4962 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(0, 0, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 175)  
}
```

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(0, 0, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 175) }
```

Border

The CSS property to change the border of an element to YUV 19.9500, 76.4397, -17.4962 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(0, 0, 175) }
```

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

```
.border{ border-color:rgb(0, 0, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 175); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 175); box-shadow:4px  
4px 4px 4px rgb(0, 0, 175) }
```


Background

The CSS property to change the background color of an element to YUV 19.9500, 76.4397, -17.4962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 175) }
```

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

```
.background{ background-color: rgb(0, 0,  
175) }
```

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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