

Converting Colors

YUV(76.9500, 76.4397,
-17.4961)

Have a look what the booklet for
YUV(76.9500, 76.4397, -17.4961)
contains.

YUV(76.9500, 76.4397, -17.4961)	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(76.9500, 76.4397,
-17.4961)**

Conversions

Conversions Part 1

Format	Color
Hex	3939E8
RGB	57, 57, 232
RGB Percent	22%, 22%, 91%
CMY	0.7765, 0.7765, 0.0902
CMYK	0.75, 0.75, 0.00, 0.09
HSL	240°, 79%, 57%
HSV	240°, 75%, 91%
XYZ	17.7160, 9.6223, 77.2675
YIQ	76.9500, -56.1750, 54.4250

Conversions

Conversions Part 2

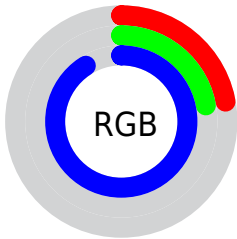
Format	Color
R_{YB}	57, 57, 232
Decimal	3750376
CIE _{Lab}	37.16, 56.49, -86.74
CIE _{LCh}	37, 103.518, 303.075
Yxy	9.6223, 0.1694, 0.0920
Android (android.graphics.Color)	4281940456 (0xFF3939E8)
YUV	76.9500, 76.4397, -17.4961
Hunter-Lab	31.0198, 47.6596, -125.9719

Details

The YUV color **76.9500, 76.4397, -17.4961** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **212.0500, -76.4396, 17.4962**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.0480, 61.1083, -0.0421**, and **24.0590, 74.4139, -21.0997** is the 20% darker color. If you saturate the color by 10%, you get **56.5720, 86.4860, -19.7956**, and if you desaturate by 10%, it is **97.3280, 66.3933, -15.1967**.

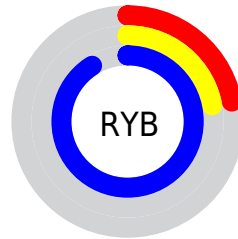
Distribution



 Red (22%)

 Green (22%)

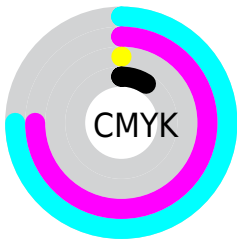
 Blue (91%)




 Red (22%)

 Yellow (22%)

 Blue (91%)

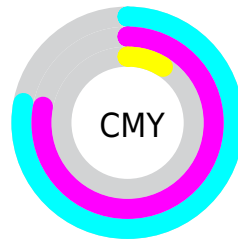


 Cyan (75%)

 Magenta (75%)

 Yellow (0%)

 Black (9%)



 Cyan (78%)

 Magenta (78%)

 Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.9500, 76.4397, -17.4961 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 76.9500, 76.4397, -17.4961 by changing the saturation by 10% instead.

■ 76.9500, 76.4397,
-17.4961

■ 76.9500, 76.4397,
-17.4961

■ 255.0000, 0.0000,
0.0000

■ 42.5130, 79.1201,
-37.2839

■ 131.0480, 61.1083,
-0.0421

■ 24.0590, 74.4139,
-21.0997

■ 155.8780, 48.8671,
6.2460

■ 16.7580, 64.2093,
-14.6968

■ 180.7080, 36.6260,
12.5341

■ 13.6800, 52.4158,
-11.9974

■ 206.4130, 23.9534,
17.1778

■ 18.3470, 37.2969,
-16.0903

■ 231.5200, 11.5756,
20.5920

■ 12.6760, 28.2607,
-11.1169

■ 248.5430, 3.1833,

■ 7.5920, 18.9351,

5.6628

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 76.9500, 76.4397,
-17.4961

■ 76.9500, 76.4397,
-17.4961

■ 56.5720, 86.4860,
-19.7956

■ 97.3280, 66.3933,
-15.1967

■ 36.1940, 96.5324,
-22.0951

■ 117.7060, 56.3469,
-12.8972

■ 26.4480, 101.3371,
-23.1949

■ 138.9700, 45.8638,
-10.4977

■ 159.3480, 35.8174,
-8.1982

■ 179.7260, 25.7711,
-5.8987

■ 200.1040, 15.7247,
-3.5992

■ 220.4820, 5.6784,
-1.2997

■ 241.7460, -4.8048,
1.0998

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



87.7700, 82.4444, -76.9743



76.9500, 76.4397, -17.4961



74.4240, 44.6540, 97.8522

Triad

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



76.9500, 76.4397, -17.4961



74.8640, -36.9080, 78.1723



78.3350, 8.2158, -68.6998

Complementary

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



76.9500, 76.4397, -17.4961



212.0500, -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.



65.7440, -32.4118, -57.6575



76.9500, 76.4397, -17.4961



81.5560, -40.2071, 16.1754

Square

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



76.9500, 76.4397, -17.4961



61.8930, -30.5132, 127.2588



61.6350, -30.3861, -54.0539



89.0850, 44.3281, -78.1275

Rectangle

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



76.9500, 76.4397, -17.4961



76.9390, 16.7921, 121.0795



61.6350, -30.3861, -54.0539



74.3280, -4.5987, -65.1857

Sweetspot

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



76.9500, 76.4397, -17.4961



202.7260, 25.7711, -5.8987



179.6750, 25.7962, -107.5860



96.1040, 15.7247, -3.5992



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.



76.9500, 76.4397, -17.4961



49.4480, 101.3371, -23.1949



103.2620, 63.4678, 36.6042



104.3680, 5.2416, -1.1997



20.4060, 78.1868, -17.8961



5.8140, 22.2767, -5.0989

Inverse Universe

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



129.2750, 50.6434, 90.0898



118.8160, 67.1387, 119.4334



186.0370, -63.6152, -35.9894



107.9560, 3.4727, 6.1776



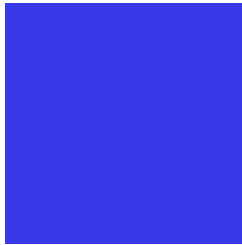
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 76.9500, 76.4397, -17.4961 looks on a white background.

Color Contrast Check

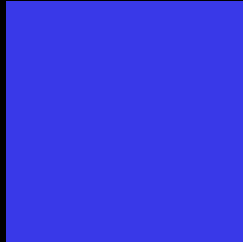
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.9500, 76.4397, -17.4961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

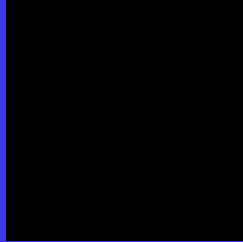
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.9500, 76.4397, -17.4961

Background



This preview shows how black text looks on a background with the YUV color 76.9500, 76.4397, -17.4961.



This preview shows how white text looks on a background with the YUV color 76.9500, 76.4397, -17.4961.

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

76.9500, 76.4397, -17.4961

Deuteranopia

69.3430, 39.7639, -60.8138

Tritanopia

67.9800, 16.7719, -59.6185

Trichromacy



Original Color

76.9500, 76.4397, -17.4961

Deuteranomaly

71.9980, 53.2450, -44.7252

Tritanomaly

71.3990, 38.2573, -44.1999

Monochromacy



Original Color

76.9500, 76.4397, -17.4961

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1820, 27.5183, -6.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.9500, 76.4397, -17.4961 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(57, 57, 232)` looks like.

```
.text, #text, p{  
    color:rgb(57, 57, 232)  
}
```

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(57, 57, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 57, 232) }
```

Border

The CSS property to change the border of an element to YUV 76.9500, 76.4397, -17.4961 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(57, 57, 232) }
```

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

```
.border{ border-color:rgb(57, 57, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 57, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 57, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 57, 232);  
box-shadow:4px 4px 4px 4px rgb(57, 57,  
232) }
```


Background

The CSS property to change the background color of an element to YUV 76.9500, 76.4397, -17.4961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 57, 232) }
```

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

```
.background{ background-color: rgb(57, 57,  
232) }
```

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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