

Converting Colors

YUV(121.5600, 17.4719,
-3.9991)

Have a look what the booklet for
YUV(121.5600, 17.4719, -3.9991)
contains.

YUV(121.5600, 17.4719, -3.9991)	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(121.5600, 17.4719,
-3.9991)**

Conversions

Conversions Part 1

Format	Color
Hex	75759D
RGB	117, 117, 157
RGB Percent	46%, 46%, 62%
CMY	0.5412, 0.5412, 0.3843
CMYK	0.25, 0.25, 0.00, 0.38
HSL	240°, 17%, 54%
HSV	240°, 25%, 62%
XYZ	19.7832, 18.9388, 34.5112
YIQ	121.5600, -12.8400, 12.4400

Conversions

Conversions Part 2

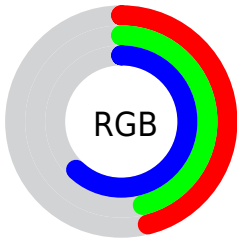
Format	Color
R_{YB}	117, 117, 157
Decimal	7697821
CIE _{Lab}	50.62, 9.18, -21.51
CIE _{LCh}	51, 23.386, 293.115
Yxy	18.9388, 0.2701, 0.2586
Android (android.graphics.Color)	4285887901 (0xFF75759D)
YUV	121.5600, 17.4719, -3.9991
Hunter-Lab	43.5187, 4.9866, -16.5549

Details

The YUV color **121.5600, 17.4719, -3.9991** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **152.4400, -17.4719, 3.9991**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2010, 18.6349, -3.6843**, and **72.9190, 16.3089, -4.3140** is the 20% darker color. If you saturate the color by 10%, you get **107.3840, 24.4607, -5.5988**, and if you desaturate by 10%, it is **135.7360, 10.4832, -2.3995**.

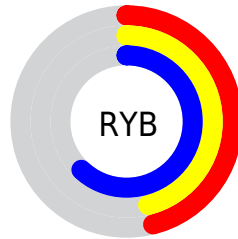
Distribution



Red (46%)

Green (46%)

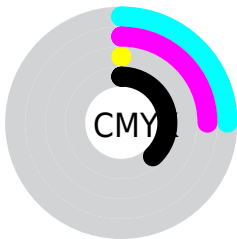
Blue (62%)



Red (46%)

Yellow (46%)

Blue (62%)

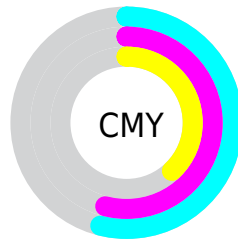


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (54%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5600, 17.4719, -3.9991 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 121.5600, 17.4719, -3.9991 by changing the saturation by 10% instead.

■ 121.5600, 17.4719,
-3.9991

■ 121.5600, 17.4719,
-3.9991

■ 255.0000, 0.0000,
0.0000

■ 96.4460, 17.0351,
-3.8991

■ 174.2010, 18.6349,
-3.6843

■ 72.9190, 16.3089,
-4.3140

■ 201.3150, 19.0717,
-3.7843

■ 49.9790, 15.2934,
-5.2436

■ 227.8330, 13.3933,
-2.4845

■ 28.1530, 14.7146,
-6.2732

■ 253.5270, 0.7262,
0.4148

■ 4.2180, 16.1615,
-3.6992

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,

0.0000

■ 121.5600, 17.4719,
-3.9991

■ 121.5600, 17.4719,
-3.9991

■ 107.3840, 24.4607,
-5.5988

■ 135.7360, 10.4832,
-2.3995

■ 94.0940, 31.0127,
-7.0984

■ 149.0260, 3.9312,
-0.8998

■ 79.9180, 38.0014,
-8.6981

■ 163.2020, -3.0576,
0.6998

■ 65.7420, 44.9902,
-10.2977

■ 177.3780,
-10.0464, 2.2995

■ 51.5660, 51.9790,
-11.8974

■ 191.5540,
-17.0351, 3.8991

■ 38.2760, 58.5309,
-13.3971

■ 204.8440,
-23.5871, 5.3988

■ 24.1000, 65.5197,
-14.9967

■ 219.0200,
-30.5759, 6.9985

■ 17.8980, 68.5773,
-15.6965

■ 233.1960,
-37.5646, 8.5981

■ 243.8280,
-42.8062, 9.7978

Harmonies

Analogous

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



117.3400, 21.0314, -25.7312



121.5600, 17.4719, -3.9991



123.5580, 10.5709, 16.1736

Triad

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



121.5600, 17.4719, -3.9991



121.3490, -15.9481, 28.6349



111.8340, 1.5608, -34.0574

Complementary

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



121.5600, 17.4719, -3.9991



152.4400, -17.4719, 3.9991

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.



115.3710, -9.5499, -16.9884



121.5600, 17.4719, -3.9991



120.0610, -19.2571, 16.6095

Square

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



121.5600, 17.4719, -3.9991



122.1460, -7.9600, 33.1980



117.8310, -17.1717, 1.0252



109.3300, 12.6553, -45.8934

Rectangle

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



121.5600, 17.4719, -3.9991



123.7180, 4.5760, 25.6803



117.8310, -17.1717, 1.0252



113.1290, -2.5286, -29.0541

Sweetspot

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



121.5600, 17.4719, -3.9991



189.8240, 6.9888, -1.5996



145.0400, 5.8963, -24.5911



93.1400, 4.3680, -0.9998



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



121.5600, 17.4719, -3.9991



148.1820, 27.5183, -6.2986



127.5400, 14.5238, 8.2964



71.9120, 3.4944, -0.7998



16.3020, 62.4621, -14.2969



1.7100, 6.5520, -1.4997

Inverse Universe

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



133.5200, 11.5756, 20.5920



167.0190, 18.2316, 32.4323



146.4600, -14.5238, -8.2964



74.3040, 2.3151, 4.1184



59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 121.5600, 17.4719, -3.9991 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 121.5600, 17.4719, -3.9991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

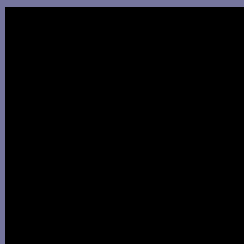
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.5600, 17.4719, -3.9991 Background



This preview shows how black text looks on a background with the YUV color 121.5600, 17.4719, -3.9991.



This preview shows how white text looks on a background with the YUV color 121.5600, 17.4719, -3.9991.

-3.9991.

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

121.5600, 17.4719, -3.9991

Protanopia

120.7550, 18.3618, -9.4321

Deuteranopia

120.9510, 17.7722, -6.9730



Tritanopia

120.0360, 5.4053, -7.0476

Trichromacy



Original Color

121.5600, 17.4719, -3.9991

Protanomaly

121.0650, 18.2090, -7.0730

Deuteranomaly

121.2500, 17.6248, -6.3582

Tritanomaly

120.4860, 9.6204, -5.6882

Monochromacy



Original Color

121.5600, 17.4719, -3.9991

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7100, 6.5520, -1.4997

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5600, 17.4719, -3.9991 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(117, 117, 157)` looks like.

```
.text, #text, p{  
    color:rgb(117, 117, 157)  
}
```

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(117, 117, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 117, 157) }
```

Border

The CSS property to change the border of an element to YUV 121.5600, 17.4719, -3.9991 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(117, 117, 157) }
```


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

```
.border{ border-color:rgb(117, 117, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 117, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 117, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 117, 157);  
box-shadow:4px 4px 4px 4px rgb(117, 117,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 121.5600, 17.4719, -3.9991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 117, 157) }
```

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

```
.background{ background-color: rgb(117,  
117, 157) }
```

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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