

Converting Colors

YUV(99.5710, 17.4665, -2.2548)

Have a look what the booklet for
YUV(99.5710, 17.4665, -2.2548)
contains.

YUV(99.5710, 17.4665, -2.2548)	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(99.5710, 17.4665,
-2.2548)**

Conversions

Conversions Part 1

Format	Color
Hex	615E87
RGB	97, 94, 135
RGB Percent	38%, 37%, 53%
CMY	0.6196, 0.6314, 0.4706
CMYK	0.28, 0.30, 0.00, 0.47
HSL	244°, 18%, 45%
HSV	244°, 30%, 53%
XYZ	13.3056, 12.2961, 24.5938
YIQ	99.5710, -11.3730, 13.3870

Conversions

Conversions Part 2

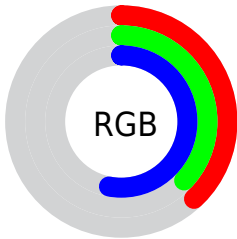
Format	Color
R_{YB}	97, 94, 135
Decimal	6381191
CIE _{Lab}	41.68, 10.99, -22.35
CIE _{LCh}	42, 24.902, 296.177
Yxy	12.2961, 0.2651, 0.2450
Android (android.graphics.Color)	4284571271 (0xFF615E87)
YUV	99.5710, 17.4665, -2.2548
Hunter-Lab	35.0657, 6.3665, -17.0377

Details

The YUV color **99.5710, 17.4665, -2.2548** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129.4290, -17.4665, 2.2548**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5110, 18.4821, -1.3251**, and **52.5170, 16.0141, -3.0844** is the 20% darker color. If you saturate the color by 10%, you get **88.0530, 23.1449, -3.5545**, and if you desaturate by 10%, it is **111.6760, 11.4987, -1.4699**.

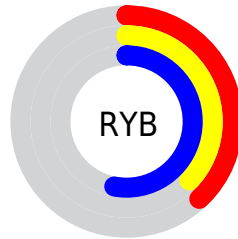
Distribution



Red (38%)

Green (37%)

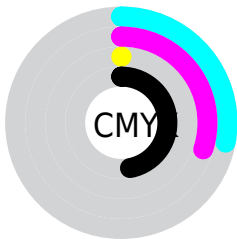
Blue (53%)



Red (38%)

Yellow (37%)

Blue (53%)

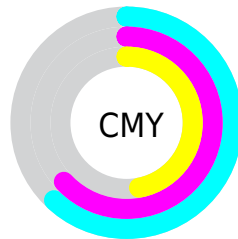


Cyan (28%)

Magenta (30%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (63%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.5710, 17.4665, -2.2548 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 99.5710, 17.4665, -2.2548 by changing the saturation by 10% instead.

■ 99.5710, 17.4665,
-2.2548

■ 99.5710, 17.4665,
-2.2548

■ 255.0000, 0.0000,
0.0000

■ 75.4570, 17.0297,
-2.1548

■ 150.5110, 18.4821,
-1.3251

■ 52.5170, 16.0141,
-3.0844

■ 177.3260, 19.0663,
-2.0399

■ 30.6910, 15.4353,
-4.1140

■ 204.8530, 19.7925,
-1.6251

■ 6.0550, 16.7349,
-0.9252

■ 230.8010, 11.9301,
0.1745

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 99.5710, 17.4665,
-2.2548

■ 99.5710, 17.4665,
-2.2548

■ 88.0530, 23.1449,
-3.5545

■ 111.6760, 11.4987,
-1.4699

■ 76.2470, 28.9652,
-3.7246

■ 122.8950, 5.9678,
-0.7849

■ 64.7290, 34.6436,
-5.0243

■ 135.0000, 0.0000,
0.0000

■ 52.9230, 40.4640,
-5.1945

■ 146.2190, -5.5310,
0.6849

■ 41.4050, 46.1423,
-6.4942

■ 158.3240,
-11.4987, 1.4699

■ 29.5990, 51.9627,
-6.6643


■ 169.5430,
-17.0297, 2.1548

■ 18.3800, 57.4937,
-7.3493

■ 181.6480,
-22.9975, 2.9397

■ 192.8670,

-28.5284, 3.6246

 204.9720,
-34.4962, 4.4096

Harmonies

Analogous

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



94.2690, 22.0524, -26.5459



99.5710, 17.4665, -2.2548



101.3410, 9.6919, 18.1179

Triad

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



99.5710, 17.4665, -2.2548



98.5230, -16.5268, 27.6053



87.6700, 3.6137, -39.1756

Complementary

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



99.5710, 17.4665, -2.2548



129.4290, -17.4665, 2.2548

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.



91.9900, -8.3761, -20.1622



99.5710, 17.4665, -2.2548



96.9360, -19.6884, 14.9651

Square

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



99.5710, 17.4665, -2.2548



99.8040, -9.2704, 33.4979



95.2220, -16.8714, -1.9487



81.9910, 16.7664, -57.8741

Rectangle

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



99.5710, 17.4665, -2.2548



101.2020, 3.8444, 27.0098



95.2220, -16.8714, -1.9487



89.5630, -0.7706, -32.9428

Sweetspot

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



99.5710, 17.4665, -2.2548



162.1230, 6.8414, -0.9849



120.9800, 6.9119, -23.6615



80.4390, 4.2206, -0.3850



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



99.5710, 17.4665, -2.2548



121.3780, 26.9286, -3.8395



105.5510, 14.5184, 10.0408



60.6840, 2.6208, -0.5999



17.8100, 55.3097, -6.8494



0.3420, 1.3104, -0.2999

Inverse Universe

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



110.5910, 10.5546, 21.4067



138.4490, 16.0476, 32.9322



123.4490, -14.5184, -10.0408



62.4780, 1.7363, 3.0888



52.6640, 33.6896, 67.8237



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 99.5710, 17.4665, -2.2548 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 × Fail

Black Background



This preview shows how the YUV color 99.5710, 17.4665, -2.2548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

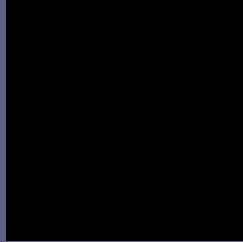
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.5710, 17.4665, -2.2548

Background



This preview shows how black text looks on a background with the YUV color 99.5710, 17.4665, -2.2548.



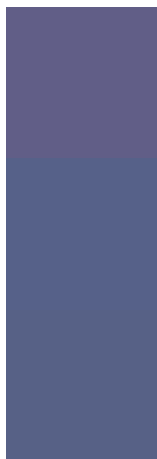
This preview shows how white text looks on a background with the YUV color 99.5710, 17.4665,

-2.2548.

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

99.5710, 17.4665, -2.2548

Protanopia

98.2710, 19.0934, -10.7617

Deuteranopia

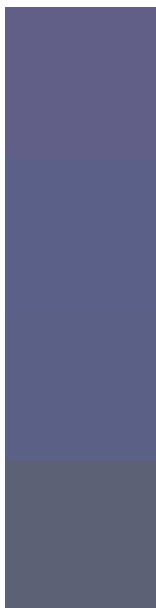
98.2280, 17.6356, -9.8470



Tritanopia

97.5200, 4.6736, -5.7180

Trichromacy



Original Color

99.5710, 17.4665, -2.2548

Protanomaly

98.7660, 18.3564, -7.6878

Deuteranomaly

98.8370, 17.3354, -6.8730

Tritanomaly

98.0840, 9.3256, -4.4587

Monochromacy



Original Color

99.5710, 17.4665, -2.2548

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.5710, 17.4665, -2.2548 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(97, 94, 135)` looks like.

```
.text, #text, p{  
    color:rgb(97, 94, 135)  
}
```

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(97, 94, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 94, 135) }
```

Border

The CSS property to change the border of an element to YUV 99.5710, 17.4665, -2.2548 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(97, 94, 135) }
```


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

```
.border{ border-color:rgb(97, 94, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 94, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 94, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 94, 135);  
box-shadow:4px 4px 4px 4px rgb(97, 94,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 99.5710, 17.4665, -2.2548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 94, 135) }
```

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

```
.background{ background-color: rgb(97, 94,  
135) }
```

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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