

# Converting Colors

YUV(98.5900, 8.5831, 0.3596)

Have a look what the booklet for  
YUV(98.5900, 8.5831, 0.3596)  
contains.

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# Color

**YUV(98.5900, 8.5831,  
0.3596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	635F74
RGB	99, 95, 116
RGB Percent	39%, 37%, 45%
CMY	0.6118, 0.6275, 0.5451
CMYK	0.15, 0.18, 0.00, 0.55
HSL	251°, 10%, 41%
HSV	251°, 18%, 45%
XYZ	12.3902, 12.0980, 18.2051
YIQ	98.5900, -4.3570, 7.3790

# Conversions

## Conversions Part 2

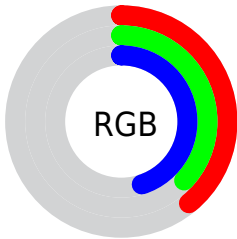
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 95, 116
Decimal	6512500
CIE Lab	41.37, 6.23, -11.26
CIE LCh	41, 12.874, 298.951
Yxy	12.0980, 0.2902, 0.2834
Android (android.graphics.Color)	4284702580 (0xFF635F74)
YUV	98.5900, 8.5831, 0.3596
Hunter-Lab	34.7822, 2.7167, -6.6850

# Details

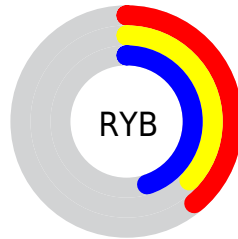
The YUV color **98.5900, 8.5831, 0.3596** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.4100, -8.5831, -0.3596**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1170, 9.3093, 0.7744**, and **52.0630, 7.8569, -0.0553** is the 20% darker color. If you saturate the color by 10%, you get **88.8550, 13.3825, 1.0042**, and if you desaturate by 10%, it is **108.3250, 3.7838, -0.2850**.

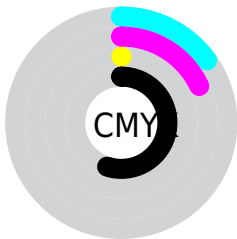
# Distribution



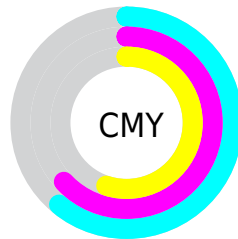
- Red (39%)
- Green (37%)
- Blue (45%)



- Red (39%)
- Yellow (37%)
- Blue (45%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (63%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 98.5900, 8.5831, 0.3596 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 98.5900, 8.5831, 0.3596 by changing the saturation by 10% instead.



■ 98.5900, 8.5831,  
0.3596

■ 98.5900, 8.5831,  
0.3596

■ 255.0000, 0.0000,  
0.0000

■ 74.4760, 8.1463,  
0.4595

■ 149.1170, 9.3093,  
0.7744

■ 52.0630, 7.8569,  
-0.0553

■ 176.1170, 9.3093,  
0.7744

■ 30.9490, 7.4201,  
0.0447

■ 203.2310, 9.7461,  
0.6744

■ 5.8290, 9.4513,  
1.9040

■ 231.3450, 10.1829,  
0.5744

■ 0.0000, 0.0000,  
0.0000

■ 98.5900, 8.5831,

■ 98.5900, 8.5831,

0.3596

■ 88.8550, 13.3825,  
1.0042

■ 79.4080, 18.0399,  
0.5192

■ 69.6730, 22.8392,  
1.1638

■ 60.2260, 27.4966,  
0.6788

■ 50.4910, 32.2959,  
1.3234

■ 40.7560, 37.0953,  
1.9680

■ 31.3090, 41.7527,  
1.4830

■ 21.5740, 46.5520,  
2.1276

0.3596

■ 108.3250, 3.7838,  
-0.2850

■ 117.7720, -0.8736,  
0.2000

■ 127.5070, -5.6730,  
-0.4446

■ 136.9540,  
-10.3303, 0.0403

■ 146.6890,  
-15.1297, -0.6043

■ 156.4240,  
-19.9290, -1.2488

■ 165.8710,  
-24.5864, -0.7639

■ 175.6060,  
-29.3858, -1.4085

■ 19.8020, 47.4256,  
1.9276

■ 185.0530,  
-34.0431, -0.9235

# Harmonies

## Analogous

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



96.9800, 10.3629, -10.5065



98.5900, 8.5831, 0.3596



99.6190, 4.6248, 9.9811

# Triad

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



98.5900, 8.5831, 0.3596



98.0960, -8.9213, 14.8248



93.9330, 1.5120, -18.3582

# Complementary

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



98.5900, 8.5831, 0.3596



112.4100, -8.5831, -0.3596

# 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.



94.4950, -4.1880, -10.0811



98.5900, 8.5831, 0.3596



97.4110, -10.0626, 7.5326

# Square

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



98.5900, 8.5831, 0.3596



99.0300, -5.4378, 17.5137



96.1110, -8.4357, -0.9743



93.2900, 6.7590, -21.3023



# Rectangle

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



98.5900, 8.5831, 0.3596



99.7290, 1.1196, 14.2697



96.1110, -8.4357, -0.9743



93.7870, -0.3880, -15.5992

# Sweetspot

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



98.5900, 8.5831, 0.3596



144.0970, 2.9102, -0.0851



107.3730, 4.2531, -10.8511



72.8690, 2.0366, 0.1149



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



98.5900, 8.5831, 0.3596



122.8550, 13.3825, 1.0042



101.5800, 7.1091, 6.5073



53.9830, 2.4734, 0.0149



20.7850, 49.8990, 1.9426



42.8520, 102.1240, 4.5148



# Inverse Universe

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



103.2170, 4.3300, 11.2107



129.9450, 6.9291, 17.5882



109.4200, -7.1091, -6.5073



55.3640, 1.2995, 3.1888



47.7640, 25.2593, 65.1050



97.7780, 51.3814, 133.4987



# Previews

## White Background



This preview shows how the YUV color 98.5900, 8.5831, 0.3596 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 98.5900, 8.5831, 0.3596 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

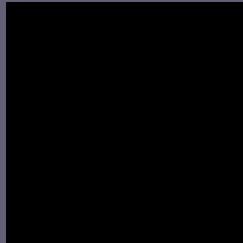
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 98.5900, 8.5831, 0.3596**

## **Background**



This preview shows how black text looks on a background with the YUV color 98.5900, 8.5831, 0.3596.



This preview shows how white text looks on a background with the YUV color 98.5900, 8.5831,

0.3596.

# 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

98.5900, 8.5831, 0.3596

### Protanopia

98.0840, 9.3256, -4.4587

### Deuteranopia

98.2910, 8.7305, -0.2552



## Tritanopia

97.9120, 3.4944, -0.7998

# Trichromacy



## Original Color

98.5900, 8.5831, 0.3596

## Protanomaly

98.0950, 9.3202, -2.7143

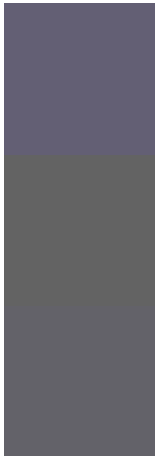
## Deuteranomaly

98.2910, 8.7305, -0.2552

## Tritanomaly

98.0800, 5.3836, -0.0702

# Monochromacy



## Original Color

98.5900, 8.5831, 0.3596

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

99.0970, 2.9102, -0.0851

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.5900, 8.5831, 0.3596 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(99, 95, 116)` looks like.

```
.text, #text, p{  
    color:rgb(99, 95, 116)  
}
```

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(99, 95, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 95, 116) }
```

## Border

The CSS property to change the border of an element to YUV 98.5900, 8.5831, 0.3596 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(99, 95, 116) }
```



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

```
.border{ border-color:rgb(99, 95, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 95, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 95, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 95, 116);  
box-shadow:4px 4px 4px 4px rgb(99, 95,  
116) }
```

# Background

The CSS property to change the background color of an element to YUV 98.5900, 8.5831, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 95, 116) }
```

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

```
.background{ background-color: rgb(99, 95,  
116) }
```

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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