

Converting Colors

YUV(97.6000, 10.0572, -5.7882)

Have a look what the booklet for
YUV(97.6000, 10.0572, -5.7882)
contains.

YUV(97.6000, 10.0572, -5.7882)	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(97.6000, 10.0572,
-5.7882)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6176
RGB	91, 97, 118
RGB Percent	36%, 38%, 46%
CMY	0.6431, 0.6196, 0.5373
CMYK	0.23, 0.18, 0.00, 0.54
HSL	227°, 13%, 41%
HSV	227°, 23%, 46%
XYZ	11.8591, 12.0815, 18.8465
YIQ	97.6000, -10.3170, 5.2590

Conversions

Conversions Part 2

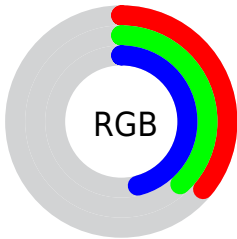
Format	Color
R_{YB}	91, 96, 118
Decimal	5988726
CIE _{Lab}	41.35, 2.67, -12.59
CIE _{LCh}	41, 12.869, 281.968
Yxy	12.0815, 0.2772, 0.2824
Android (android.graphics.Color)	4284178806 (0xFF5B6176)
YUV	97.6000, 10.0572, -5.7882
Hunter-Lab	34.7585, 0.0742, -7.8168

Details

The YUV color **97.6000, 10.0572, -5.7882** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **111.4000, -10.0572, 5.7882**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7140, 10.4940, -5.8882**, and **51.3720, 9.1836, -5.5882** is the 20% darker color. If you saturate the color by 10%, you get **88.7290, 14.4306, -8.5323**, and if you desaturate by 10%, it is **106.4710, 5.6838, -3.0441**.

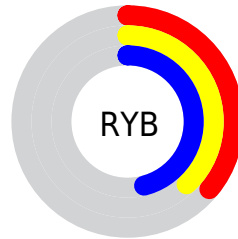
Distribution



 Red (36%)

 Green (38%)

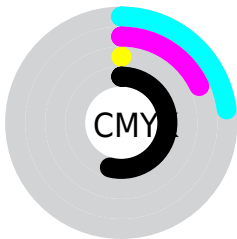
 Blue (46%)



 Red (36%)

 Yellow (38%)

 Blue (46%)

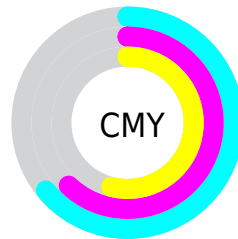


 Cyan (23%)

 Magenta (18%)

 Yellow (0%)

 Black (54%)



 Cyan (64%)

 Magenta (62%)

 Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6000, 10.0572, -5.7882 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 97.6000, 10.0572, -5.7882 by changing the saturation by 10% instead.

■ 97.6000, 10.0572,
-5.7882

■ 97.6000, 10.0572,
-5.7882

255.0000, 0.0000,
0.0000

■ 73.4860, 9.6204,
-5.6882

■ 148.7140, 10.4940,
-5.8882

■ 51.3720, 9.1836,
-5.5882

■ 174.8280, 10.9308,
-5.9882

■ 29.8450, 8.4574,
-6.0031

■ 201.9420, 11.3676,
-6.0881

■ 5.4260, 10.6360,
-4.7586

■ 230.6430, 11.5150,
-6.7029

■ 0.0000, 0.0000,
0.0000

254.1030, 0.4422,
-1.8443

■ 97.6000, 10.0572,
-5.7882

■ 97.6000, 10.0572,
-5.7882

■ 88.7290, 14.4306,
-8.5323

■ 106.4710, 5.6838,
-3.0441

■ 79.8580, 18.8040,
-11.2765

■ 115.3420, 1.3104,
-0.2999

■ 70.6990, 23.3194,
-12.8910

■ 124.5010, -3.2050,
1.3146

■ 61.8280, 27.6928,
-15.6352

■ 133.3720, -7.5784,
4.0588

■ 52.9570, 32.0662,
-18.3793

■ 142.2430,
-11.9518, 6.8029

■ 44.0860, 36.4396,
-21.1234

■ 151.1140,
-16.3252, 9.5470

■ 35.2150, 40.8130,
-23.8676

■ 159.9850,
-20.6986, 12.2912

■ 28.7140, 44.0180,

■ 168.5570,

-25.1822

-24.9246, 14.4205

■ 178.0150,
-29.5874, 16.6498

Harmonies

Analogous

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



95.3600, 10.6685, -15.2247



97.6000, 10.0572, -5.7882



98.8680, 6.9671, 5.3778

Triad

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



97.6000, 10.0572, -5.7882



98.8620, -7.3270, 16.7840



94.1570, -1.5564, -14.1697

Complementary

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



97.6000, 10.0572, -5.7882



111.4000, -10.0572, 5.7882

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.



95.2460, -6.5303, -5.4777



97.6000, 10.0572, -5.7882



98.1450, -9.9315, 12.1508

Square

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



97.6000, 10.0572, -5.7882



99.1270, -2.5276, 17.4286



96.5030, -9.6150, 3.9439



93.4920, 3.7014, -20.6025

Rectangle

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



97.6000, 10.0572, -5.7882



99.8040, 4.0406, 10.6959



96.5030, -9.6150, 3.9439



94.5980, -3.7458, -11.9254

Sweetspot

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



97.6000, 10.0572, -5.7882



145.0150, 3.9366, -2.6442



109.2430, 1.3592, -15.9991



71.9720, 2.4788, -1.7294



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.



97.6000, 10.0572, -5.7882



121.9570, 15.3042, -8.7323



96.1710, 10.7617, 1.6040



54.2710, 2.3314, -1.1147



29.7570, 45.4758, -26.0969



61.3720, 92.9936, -53.8232

Inverse Universe

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



99.7570, -1.3592, 15.9991



125.2850, -2.1125, 24.3061



112.8290, -10.7617, -1.6040



54.9080, -0.4476, 3.5887



39.5560, -6.1901, 72.3034



81.1340, -12.3911, 148.0955

Previews

White Background



This preview shows how the YUV color 97.6000, 10.0572, -5.7882 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 97.6000, 10.0572, -5.7882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

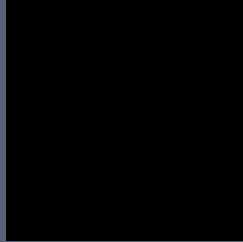
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

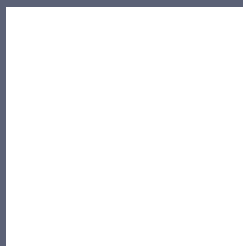
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.6000, 10.0572, -5.7882

Background



This preview shows how black text looks on a background with the YUV color 97.6000, 10.0572, -5.7882.



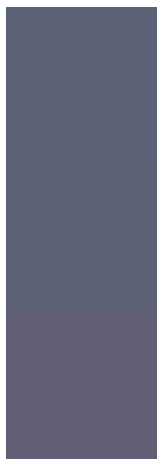
This preview shows how white text looks on a background with the YUV color 97.6000, 10.0572,

-5.7882.

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

97.6000, 10.0572, -5.7882

Protanopia

98.1980, 9.7624, -4.5586

Deuteranopia

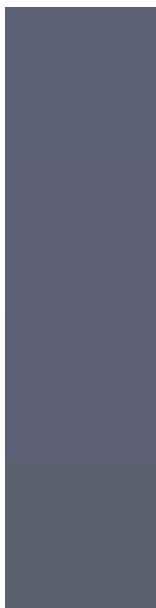
97.9210, 9.8989, -1.6847



Tritanopia

96.9220, 4.9685, -6.9476

Trichromacy



Original Color

97.6000, 10.0572, -5.7882

Protanomaly

97.8990, 9.9098, -5.1734

Deuteranomaly

97.9100, 9.9044, -3.4291

Tritanomaly

97.0900, 6.8576, -6.2179

Monochromacy



Original Color

97.6000, 10.0572, -5.7882

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6000, 10.0572, -5.7882 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(91, 97, 118)` looks like.

```
.text, #text, p{  
    color:rgb(91, 97, 118)  
}
```

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(91, 97, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 97, 118) }
```

Border

The CSS property to change the border of an element to YUV 97.6000, 10.0572, -5.7882 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(91, 97, 118) }
```


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

```
.border{ border-color:rgb(91, 97, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 97, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 97, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 97, 118);  
box-shadow:4px 4px 4px 4px rgb(91, 97,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 97.6000, 10.0572, -5.7882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 97, 118) }
```

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

```
.background{ background-color: rgb(91, 97,  
118) }
```

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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