

Converting Colors

YUV(97.9630, 12.8362,
-10.4916)

Have a look what the booklet for
YUV(97.9630, 12.8362, -10.4916)
contains.

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Color

**YUV(97.9630, 12.8362,
-10.4916)**

Conversions

Conversions Part 1

Format	Color
Hex	56637C
RGB	86, 99, 124
RGB Percent	34%, 39%, 49%
CMY	0.6627, 0.6118, 0.5137
CMYK	0.31, 0.20, 0.00, 0.51
HSL	219°, 18%, 41%
HSV	219°, 31%, 49%
XYZ	11.9377, 12.3574, 20.8248
YIQ	97.9630, -15.7730, 5.0190

Conversions

Conversions Part 2

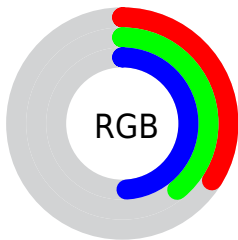
Format	Color
R_{YB}	86, 96, 124
Decimal	5661564
CIE _{Lab}	41.78, 1.35, -15.61
CIE _{LCh}	42, 15.672, 274.951
Yxy	12.3574, 0.2646, 0.2739
Android (android.graphics.Color)	4283851644 (0xFF56637C)
YUV	97.9630, 12.8362, -10.4916
Hunter-Lab	35.1530, -0.9006, -10.5165

Details

The YUV color **97.9630, 12.8362, -10.4916** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.0370, -12.8362, 10.4916**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1910, 13.7098, -10.6915**, and **51.3220, 11.6733, -10.8064** is the 20% darker color. If you saturate the color by 10%, you get **89.6790, 16.9203, -13.7505**, and if you desaturate by 10%, it is **106.2470, 8.7522, -7.2326**.

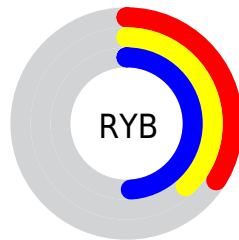
Distribution



Red (34%)

Green (39%)

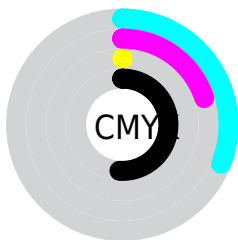
Blue (49%)



Red (34%)

Yellow (38%)

Blue (49%)

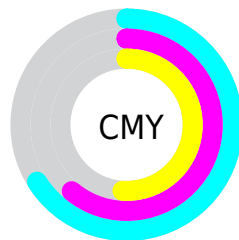


Cyan (31%)

Magenta (20%)

Yellow (0%)

Black (51%)



Cyan (66%)

Magenta (61%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9630, 12.8362, -10.4916 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 97.9630, 12.8362, -10.4916 by changing the saturation by 10% instead.

■ 97.9630, 12.8362,
-10.4916

■ 97.9630, 12.8362,
-10.4916

■ 255.0000, 0.0000,
0.0000

■ 73.8490, 12.3994,
-10.3916

■ 149.1910, 13.7098,
-10.6915

■ 51.3220, 11.6733,
-10.8064

■ 175.3050, 14.1466,
-10.7915

■ 29.4960, 11.0945,
-11.8360

■ 203.0060, 14.2940,
-11.4063

■ 7.6430, 11.5150,
-6.7029

■ 230.4360, 12.1101,
-10.9064

■ 0.4560, 1.7472,
-0.3999

■ 252.6080, 1.1793,
-4.9182

■ 0.0000, 0.0000,
0.0000

■ 97.9630, 12.8362,
-10.4916

■ 97.9630, 12.8362,
-10.4916

■ 89.6790, 16.9203,
-13.7505

■ 106.2470, 8.7522,
-7.2326

■ 81.0960, 21.1517,
-17.6242

■ 114.8300, 4.5208,
-3.3589

■ 72.8120, 25.2357,
-20.8831

■ 123.1140, 0.4368,
-0.1000

■ 63.6420, 29.7565,
-24.2420

■ 132.2840, -4.0840,
3.2589

■ 55.3580, 33.8405,
-27.5010

■ 140.5680, -8.1680,
6.5179

■ 47.0740, 37.9245,
-30.7599

■ 148.8520,
-12.2520, 9.7768

■ 38.7900, 42.0085,
-34.0188

■ 157.4350,
-16.4835, 13.6505

■ 165.7190,

-20.5675, 16.9094

■ 174.3020,
-24.7989, 20.7831

Harmonies

Analogous

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



95.2990, 13.1636, -22.1872



97.9630, 12.8362, -10.4916



100.2420, 9.7407, 2.4188

Triad

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



97.9630, 12.8362, -10.4916



100.0690, -7.9220, 20.9875



94.5760, -3.7350, -15.4142

Complementary

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



97.9630, 12.8362, -10.4916



112.0370, -12.8362, 10.4916

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.



96.1600, -9.4459, -3.6483



97.9630, 12.8362, -10.4916



99.1240, -11.4001, 16.5543

Square

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



97.9630, 12.8362, -10.4916



100.3770, -1.6649, 20.7174



97.5420, -12.0992, 7.4177



93.0570, 3.4229, -24.6060

Rectangle

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



97.9630, 12.8362, -10.4916



100.7870, 6.5140, 10.7108



97.5420, -12.0992, 7.4177



95.0280, -5.9298, -11.4256

Sweetspot

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



97.9630, 12.8362, -10.4916



150.6450, 5.1050, -4.0737



111.1560, -0.0769, -22.0618



75.7870, 3.0630, -2.4442



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



97.9630, 12.8362, -10.4916



120.1670, 20.1307, -16.8095



92.1260, 15.7139, -0.1105



56.8580, 2.0420, -1.6295



39.4910, 42.1559, -34.6336



79.2100, 85.1855, -69.4672

Inverse Universe

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



98.8440, 0.0769, 22.0618



121.3340, 0.3283, 34.7871



117.8740, -15.7139, 0.1105



57.0220, -0.0108, 3.4887



42.2770, 0.3564, 72.5481



85.1520, 0.4181, 146.3257

Previews

White Background



This preview shows how the YUV color 97.9630, 12.8362, -10.4916 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 97.9630, 12.8362, -10.4916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

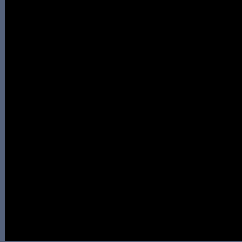
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.9630, 12.8362, -10.4916

Background



This preview shows how black text looks on a background with the YUV color 97.9630, 12.8362, -10.4916.



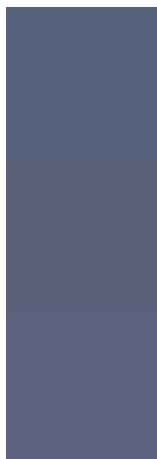
This preview shows how white text looks on a background with the YUV color 97.9630, 12.8362, -10.4916.

-10.4916.

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

97.9630, 12.8362, -10.4916

Protanopia

98.4690, 12.0938, -5.6733

Deuteranopia

99.2950, 12.6726, -4.6437



Tritanopia

97.2310, 6.2951, -12.4806

Trichromacy



Original Color

97.9630, 12.8362, -10.4916

Protanomaly

98.4580, 12.0992, -7.4177

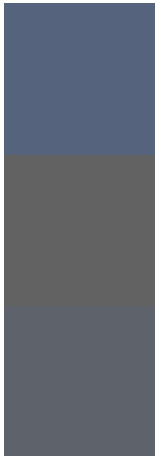
Deuteranomaly

98.9850, 12.8254, -7.0028

Tritanomaly

97.5130, 8.6211, -11.8509

Monochromacy



Original Color

97.9630, 12.8362, -10.4916

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8300, 4.5208, -3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9630, 12.8362, -10.4916 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(86, 99, 124)` looks like.

```
.text, #text, p{  
    color:rgb(86, 99, 124)  
}
```

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(86, 99, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 99, 124) }
```

Border

The CSS property to change the border of an element to YUV 97.9630, 12.8362, -10.4916 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(86, 99, 124) }
```


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

```
.border{ border-color:rgb(86, 99, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 99, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 99, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 99, 124);  
box-shadow:4px 4px 4px 4px rgb(86, 99,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 97.9630, 12.8362, -10.4916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 99, 124) }
```

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

```
.background{ background-color: rgb(86, 99,  
124) }
```

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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