

Converting Colors

YUV(97.2990, 16.6146, -9.0322)

Have a look what the booklet for
YUV(97.2990, 16.6146, -9.0322)
contains.

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Color

**YUV(97.2990, 16.6146,
-9.0322)**

Conversions

Conversions Part 1

Format	Color
Hex	576083
RGB	87, 96, 131
RGB Percent	34%, 38%, 51%
CMY	0.6588, 0.6235, 0.4863
CMYK	0.34, 0.27, 0.00, 0.49
HSL	228°, 20%, 43%
HSV	228°, 34%, 51%
XYZ	12.2101, 12.0307, 23.1513
YIQ	97.2990, -16.5990, 8.9770

Conversions

Conversions Part 2

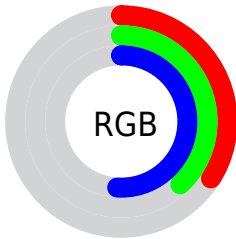
Format	Color
R_{YB}	87, 94, 131
Decimal	5726339
CIE _{Lab}	41.26, 5.46, -20.64
CIE _{LCh}	41, 21.349, 284.810
Yxy	12.0307, 0.2576, 0.2539
Android (android.graphics.Color)	4283916419 (0xFF576083)
YUV	97.2990, 16.6146, -9.0322
Hunter-Lab	34.6853, 2.1373, -15.2946

Details

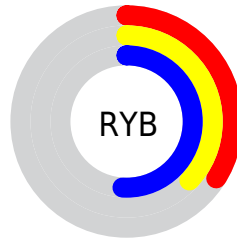
The YUV color **97.2990, 16.6146, -9.0322** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **120.7010, -16.6146, 9.0322**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9400, 17.7776, -8.7174**, and **50.2450, 15.1622, -9.8619** is the 20% darker color. If you saturate the color by 10%, you get **87.5420, 21.4248, -11.8763**, and if you desaturate by 10%, it is **107.0560, 11.8044, -6.1881**.

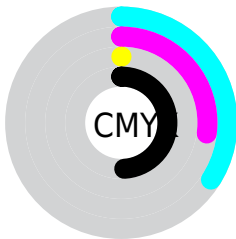
Distribution



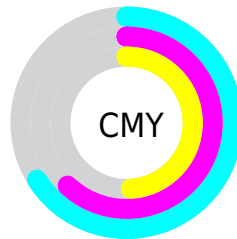
- Red (34%)
- Green (38%)
- Blue (51%)



- Red (34%)
- Yellow (37%)
- Blue (51%)



- Cyan (34%)
- Magenta (27%)
- Yellow (0%)
- Black (49%)



- Cyan (66%)
- Magenta (62%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2990, 16.6146, -9.0322 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 97.2990, 16.6146, -9.0322 by changing the saturation by 10% instead.

■ 97.2990, 16.6146,
-9.0322

■ 97.2990, 16.6146,
-9.0322

■ 255.0000, 0.0000,
0.0000

■ 73.1850, 16.1778,
-8.9322

■ 147.9400, 17.7776,
-8.7174

■ 50.2450, 15.1622,
-9.8619

■ 175.0540, 18.2144,
-8.8174

■ 28.1200, 14.7308,
-11.5062

■ 202.1680, 18.6512,
-8.9173

■ 5.9790, 15.2934,
-5.2436

■ 228.6860, 12.9728,
-7.6176

■ 2.0690, 5.3890,
-1.8145

■ 253.2060, 0.8844,
-3.6887

■ 0.0000, 0.0000,
0.0000

■ 97.2990, 16.6146,
-9.0322

■ 97.2990, 16.6146,
-9.0322

■ 87.5420, 21.4248,
-11.8763

■ 107.0560, 11.8044,
-6.1881

■ 77.1980, 26.5244,
-14.2056

■ 117.4000, 6.7048,
-3.8588

■ 67.4410, 31.3346,
-17.0498

■ 127.1570, 1.8946,
-1.0147

■ 57.0970, 36.4342,
-19.3791

■ 137.5010, -3.2050,
1.3146

■ 47.3400, 41.2444,
-22.2232

■ 147.5570, -8.1626,
4.7735

■ 36.6970, 46.4914,
-25.1673

■ 157.9010,
-13.2622, 7.1028

■ 30.7830, 49.4070,
-26.9967

■ 167.6580,
-18.0724, 9.9469

■ 177.4150,

-22.8826, 12.7910

■ 187.7590,
-27.9822, 15.1204

Harmonies

Analogous

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



92.7480, 18.8582, -28.7200



97.2990, 16.6146, -9.0322



99.6280, 11.0294, 9.0962

Triad

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



97.2990, 16.6146, -9.0322



98.5490, -12.5957, 26.7055



90.1940, -1.0816, -26.4801

Complementary

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



97.2990, 16.6146, -9.0322



120.7010, -16.6146, 9.0322

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.



93.4750, -10.5872, -10.9406



97.2990, 16.6146, -9.0322



96.8700, -16.2049, 17.6540

Square

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



97.2990, 16.6146, -9.0322



98.9220, -4.8915, 29.0094



95.4940, -16.0195, 4.8288



87.4510, 9.1447, -39.8605

Rectangle

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



97.2990, 16.6146, -9.0322



99.8420, 6.4869, 19.4326



95.4940, -16.0195, 4.8288



91.6030, -4.7343, -21.5768

Sweetspot

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



97.2990, 16.6146, -9.0322



157.6990, 6.5574, -3.2440



116.7040, 2.1179, -26.0504



78.4280, 4.2260, -2.1294



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



97.2990, 16.6146, -9.0322



118.3830, 25.9402, -13.4909



95.6040, 17.4502, 2.9783



61.2710, 2.3314, -1.1147



30.6690, 48.9702, -26.8967



0.9290, 1.0210, -0.8147

Inverse Universe

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



101.1820, -2.5547, 26.1504



124.8140, -4.3453, 40.5051



122.3960, -17.4502, -2.9783



61.9080, -0.4476, 3.5887



41.9480, -7.3694, 77.2216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 97.2990, 16.6146, -9.0322 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 97.2990, 16.6146, -9.0322 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

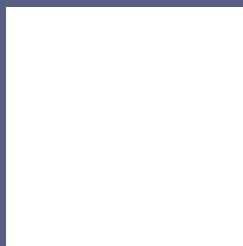
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.2990, 16.6146, -9.0322

Background



This preview shows how black text looks on a background with the YUV color 97.2990, 16.6146, -9.0322.



This preview shows how white text looks on a background with the YUV color 97.2990, 16.6146,

-9.0322.

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

97.2990, 16.6146, -9.0322

Protanopia

97.2990, 16.6146, -9.0322

Deuteranopia

97.5980, 16.4672, -8.4174



Tritanopia

95.5300, 6.1477, -11.8658

Trichromacy



Original Color

97.2990, 16.6146, -9.0322

Protanomaly

97.2990, 16.6146, -9.0322

Deuteranomaly

97.5980, 16.4672, -8.4174

Tritanomaly

96.4530, 9.6367, -10.9213

Monochromacy



Original Color

97.2990, 16.6146, -9.0322

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1720, 5.8312, -3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2990, 16.6146, -9.0322 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(87, 96, 131)` looks like.

```
.text, #text, p{  
    color:rgb(87, 96, 131)  
}
```

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(87, 96, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 96, 131) }
```

Border

The CSS property to change the border of an element to YUV 97.2990, 16.6146, -9.0322 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(87, 96, 131) }
```


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

```
.border{ border-color:rgb(87, 96, 131) }
```

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

Here you see how a box with a 4 pixel rgb(87, 96, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 96, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 96, 131);  
box-shadow:4px 4px 4px 4px rgb(87, 96,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 97.2990, 16.6146, -9.0322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 96, 131) }
```

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

```
.background{ background-color: rgb(87, 96,  
131) }
```

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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