

Converting Colors

YUV(87.2990, 16.6146, -9.0322)

Have a look what the booklet for
YUV(87.2990, 16.6146, -9.0322)
contains.

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Color

**YUV(87.2990, 16.6146,
-9.0322)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5679
RGB	77, 86, 121
RGB Percent	30%, 34%, 47%
CMY	0.6980, 0.6627, 0.5255
CMYK	0.36, 0.29, 0.00, 0.53
HSL	228°, 22%, 39%
HSV	228°, 36%, 47%
XYZ	9.8395, 9.6138, 19.4262
YIQ	87.2990, -16.5990, 8.9770

Conversions

Conversions Part 2

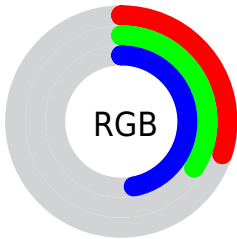
Format	Color
R_{YB}	77, 84, 121
Decimal	5068409
CIE _{Lab}	37.14, 5.72, -20.97
CIE _{LCh}	37, 21.737, 285.259
Yxy	9.6138, 0.2531, 0.2473
Android (android.graphics.Color)	4283258489 (0xFF4D5679)
YUV	87.2990, 16.6146, -9.0322
Hunter-Lab	31.0062, 2.3846, -15.4425

Details

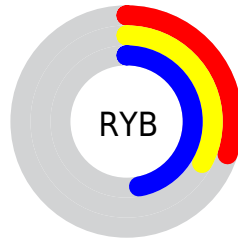
The YUV color $[87.2990, 16.6146, -9.0322]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[110.7010, -16.6146, 9.0322]$, and the grayscale version is $[87.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[137.5270, 17.4882, -9.2322]$, and $[40.9460, 15.3096, -10.4766]$ is the 20% darker color. If you saturate the color by 10%, you get $[77.8410, 21.2774, -11.2616]$, and if you desaturate by 10%, it is $[96.7570, 11.9518, -6.8029]$.

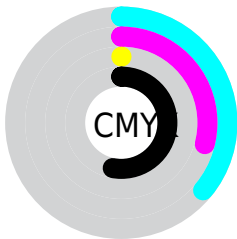
Distribution



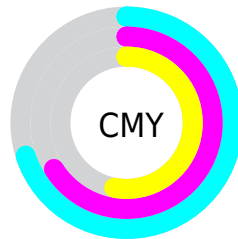
- Red (30%)
- Green (34%)
- Blue (47%)



- Red (30%)
- Yellow (33%)
- Blue (47%)



- Cyan (36%)
- Magenta (29%)
- Yellow (0%)
- Black (53%)



- Cyan (70%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2990, 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 87.2990, 16.6146, -9.0322 by changing the saturation by 10% instead.

■ 87.2990, 16.6146,
-9.0322

■ 87.2990, 16.6146,
-9.0322

■ 255.0000, 0.0000,
0.0000

■ 63.7720, 15.8884,
-9.4470

■ 137.5270, 17.4882,
-9.2322

■ 40.9460, 15.3096,
-10.4766

■ 164.0540, 18.2144,
-8.8174

■ 19.5220, 15.0257,
-12.7358

■ 191.1680, 18.6512,
-8.9173

■ 4.3660, 11.6516,
-3.8290

■ 218.9400, 17.7776,
-8.7174

■ 0.0000, 0.0000,
0.0000

■ 243.7480, 5.5472,
-5.9180

■ 87.2990, 16.6146,
-9.0322

■ 87.2990, 16.6146,
-9.0322

■ 77.8410, 21.2774,
-11.2616

■ 96.7570, 11.9518,
-6.8029

■ 68.9700, 25.6508,
-14.0057

■ 105.6280, 7.5784,
-4.0588

■ 59.5120, 30.3136,
-16.2350

■ 115.0860, 2.9156,
-1.8294

■ 50.0540, 34.9764,
-18.4644

■ 123.9570, -1.4578,
0.9147

■ 40.8840, 39.4972,
-21.8233

■ 133.4150, -6.1206,
3.1440

■ 31.4260, 44.1600,
-24.0526

■ 143.1720,
-10.9308, 5.9882

■ 28.4690, 45.6178,
-24.9673

■ 152.0430,
-15.3042, 8.7323

■ 161.5010,

-19.9670, 10.9616

■ 170.9590,
-24.6298, 13.1910

Harmonies

Analogous

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



82.4490, 19.0056, -29.3348



87.2990, 16.6146, -9.0322



89.9270, 10.8820, 9.7110

Triad

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



87.2990, 16.6146, -9.0322



88.2500, -12.4482, 26.0908



79.8950, -0.9342, -27.0949

Complementary

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



87.2990, 16.6146, -9.0322



110.7010, -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.



83.4750, -10.5872, -10.9406



87.2990, 16.6146, -9.0322



86.8700, -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.



87.2990, 16.6146, -9.0322



88.9220, -4.8915, 29.0094



85.1950, -15.8721, 4.2140



76.2550, 9.7343, -42.3196

Rectangle

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



87.2990, 16.6146, -9.0322



89.7280, 6.0501, 19.5325



85.1950, -15.8721, 4.2140



81.3040, -4.5869, -22.1916

Sweetspot

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



87.2990, 16.6146, -9.0322



144.6990, 6.5574, -3.2440



106.7040, 2.1179, -26.0504



71.3140, 3.7892, -2.0294



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



87.2990, 16.6146, -9.0322



105.0840, 26.0876, -14.1057



85.6040, 17.4502, 2.9783



56.2710, 2.3314, -1.1147



29.5120, 47.0756, -25.8820



59.2520, 95.0248, -51.9640

Inverse Universe

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



91.1820, -2.5547, 26.1504



111.2270, -4.0559, 41.0199



112.3960, -17.4502, -2.9783



56.9080, -0.4476, 3.5887



40.3390, -7.0691, 74.2477



81.2760, -14.4331, 149.7249

Previews

White Background



This preview shows how the YUV color 87.2990, 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 ✓ Pass

Black Background



This preview shows how the YUV color 87.2990, 16.6146, -9.0322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

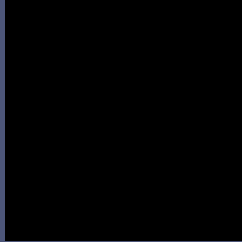
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.2990, 16.6146, -9.0322

Background



This preview shows how black text looks on a background with the YUV color 87.2990, 16.6146, -9.0322.



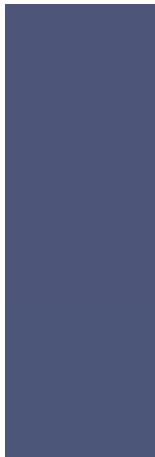
This preview shows how white text looks on a background with the YUV color 87.2990, 16.6146,

-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

87.2990, 16.6146, -9.0322

Protanopia

87.2990, 16.6146, -9.0322

Deuteranopia

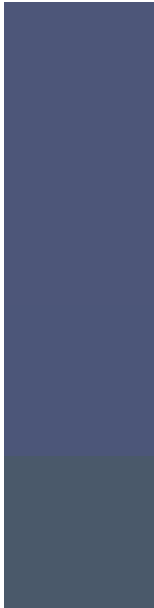
87.0000, 16.7620, -9.6470



Tritanopia

85.5300, 6.1477, -11.8658

Trichromacy



Original Color

87.2990, 16.6146, -9.0322

Protanomaly

87.2990, 16.6146, -9.0322

Deuteranomaly

87.0000, 16.7620, -9.6470

Tritanomaly

86.4530, 9.6367, -10.9213

Monochromacy



Original Color

87.2990, 16.6146, -9.0322

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1720, 5.8312, -3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2990, 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(77, 86, 121)` looks like.

```
.text, #text, p{  
    color:rgb(77, 86, 121)  
}
```

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(77, 86, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 86, 121) }
```

Border

The CSS property to change the border of an element to YUV 87.2990, 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(77, 86, 121) }
```


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

```
.border{ border-color:rgb(77, 86, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 86, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 86, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 86, 121);  
box-shadow:4px 4px 4px 4px rgb(77, 86,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 87.2990, 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(77, 86, 121) }
```

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

```
.background{ background-color: rgb(77, 86,  
121) }
```

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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