

Converting Colors

YUV(68.4990, 16.5160,
-24.1166)

Have a look what the booklet for
YUV(68.4990, 16.5160, -24.1166)
contains.

YUV(68.4990, 16.5160, -24.1166)	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(68.4990, 16.5160,
-24.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	294C66
RGB	41, 76, 102
RGB Percent	16%, 30%, 40%
CMY	0.8392, 0.7020, 0.6000
CMYK	0.60, 0.25, 0.00, 0.60
HSL	206°, 43%, 28%
HSV	206°, 60%, 40%
XYZ	5.8972, 6.5996, 13.5334
YIQ	68.4990, -29.2060, 0.6660

Conversions

Conversions Part 2

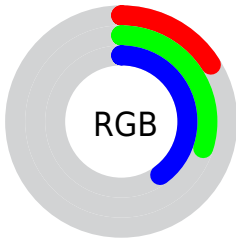
Format	Color
R_{YB}	41, 63, 102
Decimal	2706534
CIE _{Lab}	30.88, -4.12, -18.99
CIE _{LCh}	31, 19.429, 257.770
Yxy	6.5996, 0.2266, 0.2535
Android (android.graphics.Color)	4280896614 (0xFF294C66)
YUV	68.4990, 16.5160, -24.1166
Hunter-Lab	25.6897, -3.9817, -13.2514

Details

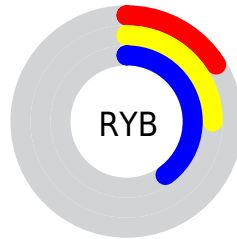
The YUV color **68.4990, 16.5160, -24.1166** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **74.5010, -16.5160, 24.1166**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.3250, 17.0948, -23.0870**, and **25.0540, 14.7634, -21.9724** is the 20% darker color. If you saturate the color by 10%, you get **63.1610, 19.1476, -28.2052**, and if you desaturate by 10%, it is **73.8370, 13.8844, -20.0280**.

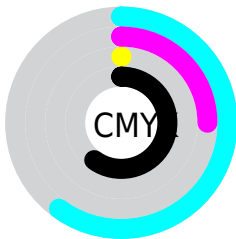
Distribution



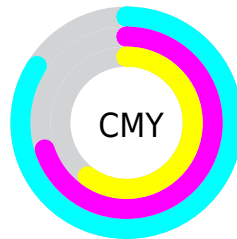
- Red (16%)
- Green (30%)
- Blue (40%)



- Red (16%)
- Yellow (25%)
- Blue (40%)



- Cyan (60%)
- Magenta (25%)
- Yellow (0%)
- Black (60%)



- Cyan (84%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.4990, 16.5160, -24.1166 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 68.4990, 16.5160, -24.1166 by changing the saturation by 10% instead.

■ 68.4990, 16.5160,
-24.1166

■ 68.4990, 16.5160,
-24.1166

■ 255.0000, 0.0000,
0.0000

■ 43.8900, 16.8162,
-27.0905

■ 118.3250, 17.0948,
-23.0870

■ 25.0540, 14.7634,
-21.9724

■ 144.4390, 17.5316,
-23.1870

■ 8.5720, 12.5360,
-7.5176

■ 170.6670, 18.4052,
-23.3870

■ 0.9120, 3.4944,
-0.7998

■ 198.3680, 18.5526,
-24.0017

■ 0.0000, 0.0000,
0.0000

■ 225.3420, 14.6214,
-23.1019

■ 246.9270, 3.9800,

-16.5990

■ 68.4990, 16.5160,
-24.1166

■ 68.4990, 16.5160,
-24.1166

■ 63.1610, 19.1476,
-28.2052

■ 73.8370, 13.8844,
-20.0280

■ 57.2360, 22.0687,
-31.7790

■ 79.7620, 10.9633,
-16.4543

■ 51.5990, 24.8477,
-36.4823

■ 85.3990, 8.1843,
-11.7509

■ 46.2610, 27.4793,
-40.5709

■ 90.7370, 5.5527,
-7.6623

■ 96.6620, 2.6316,
-4.0886

■ 102.0000, 0.0000,
0.0000

■ 107.3380, -2.6316,
4.0886

■ 113.5620, -5.7001,
8.2771

■ 118.9000, -8.3317,
12.3657

Harmonies

Analogous

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



62.8840, 15.8332, -38.4863



68.4990, 16.5160, -24.1166



72.9250, 13.8410, -6.0732

Triad

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



68.4990, 16.5160, -24.1166



73.9000, -4.8807, 25.5207



68.7570, -8.2612, -10.3109

Complementary

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



68.4990, 16.5160, -24.1166



74.5010, -16.5160, 24.1166

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.



71.0530, -13.8301, 2.5845



68.4990, 16.5160, -24.1166



73.5700, -11.1270, 22.3021

Square

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



68.4990, 16.5160, -24.1166



74.8160, 2.5557, 20.3324



72.3040, -14.4469, 13.7654



65.8460, 0.0759, -24.4209

Rectangle

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



68.4990, 16.5160, -24.1166



74.3070, 11.1876, 4.9928



72.3040, -14.4469, 13.7654



69.5080, -10.6034, -5.7075

Sweetspot

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



68.4990, 16.5160, -24.1166



119.3670, 6.7211, -9.0919



79.6570, -6.7329, -33.9022



58.2920, 3.8000, -5.5181



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



68.4990, 16.5160, -24.1166



80.2290, 26.0161, -37.9118



50.8890, 25.1977, -8.6727



48.3310, 1.3158, -2.0443



51.8520, 31.1320, -45.4742



109.1810, 65.4798, -95.7517

Inverse Universe

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



63.2290, 6.2961, 34.0022



71.9740, 9.8728, 53.5198



92.1110, -25.1977, 8.6727



47.8370, 0.5734, 2.7740



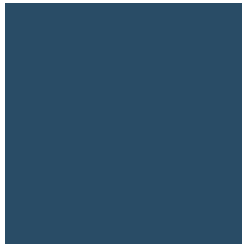
41.9090, 11.8769, 64.1008



88.2040, 25.0424, 134.8791

Previews

White Background



This preview shows how the YUV color 68.4990, 16.5160, -24.1166 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 68.4990, 16.5160, -24.1166 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

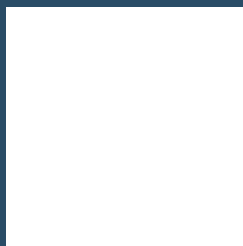
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 68.4990, 16.5160, -24.1166

Background



This preview shows how black text looks on a background with the YUV color 68.4990, 16.5160, -24.1166.



This preview shows how white text looks on a background with the YUV color 68.4990, 16.5160,

-24.1166.

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

68.4990, 16.5160, -24.1166

Protanopia

72.9850, 12.8254, -7.0028

Deuteranopia

72.2450, 15.1622, -9.8619



Tritanopia

66.2290, 9.2541, -28.2648

Trichromacy



Original Color

68.4990, 16.5160, -24.1166

Protanomaly

70.9950, 14.2995, -13.1506

Deuteranomaly

70.7390, 15.9047, -14.6801

Tritanomaly

67.2230, 11.7221, -26.5056

Monochromacy



Original Color

68.4990, 16.5160, -24.1166

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1390, 5.8475, -8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.4990, 16.5160, -24.1166 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(41, 76, 102)` looks like.

```
.text, #text, p{  
    color:rgb(41, 76, 102)  
}
```

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(41, 76, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 76, 102) }
```

Border

The CSS property to change the border of an element to YUV 68.4990, 16.5160, -24.1166 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(41, 76, 102) }
```


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

```
.border{ border-color:rgb(41, 76, 102) }
```

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

Here you see how a box with a 4 pixel rgb(41, 76, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 76, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 76, 102);  
box-shadow:4px 4px 4px 4px rgb(41, 76,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 68.4990, 16.5160, -24.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 76, 102) }
```

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

```
.background{ background-color: rgb(41, 76,  
102) }
```

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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