

Converting Colors

YUV(67.2700, 24.0239, -5.4988)

Have a look what the booklet for
YUV(67.2700, 24.0239, -5.4988)
contains.

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Color

**YUV(67.2700, 24.0239,
-5.4988)**

Conversions

Conversions Part 1

Format	Color
Hex	3D3D74
RGB	61, 61, 116
RGB Percent	24%, 24%, 45%
CMY	0.7608, 0.7608, 0.5451
CMYK	0.47, 0.47, 0.00, 0.55
HSL	240°, 31%, 35%
HSV	240°, 47%, 45%
XYZ	6.7456, 5.5905, 17.2465
YIQ	67.2700, -17.6550, 17.1050

Conversions

Conversions Part 2

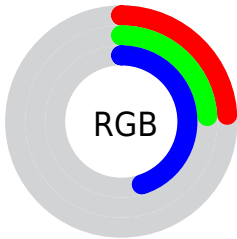
Format	Color
R_{YB}	61, 61, 116
Decimal	4013428
CIE Lab	28.36, 15.83, -31.74
CIE LCh	28, 35.466, 296.505
Yxy	5.5905, 0.2280, 0.1890
Android (android.graphics.Color)	4282203508 (0xFF3D3D74)
YUV	67.2700, 24.0239, -5.4988
Hunter-Lab	23.6443, 9.5475, -26.6960

Details

The YUV color $67.2700, 24.0239, -5.4988$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $109.7300, -24.0239, 5.4988$, and the grayscale version is $67.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $116.0360, 25.6183, -3.5396$, and $20.8840, 22.7352, -12.1763$ is the 20% darker color. If you saturate the color by 10%, you get $56.6380, 29.2655, -6.6985$, and if you desaturate by 10%, it is $77.9020, 18.7823, -4.2991$.

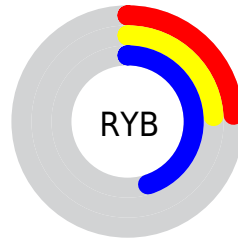
Distribution



Red (24%)

Green (24%)

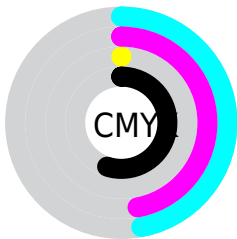
Blue (45%)



Red (24%)

Yellow (24%)

Blue (45%)

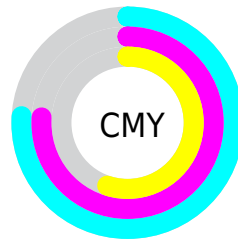


Cyan (47%)

Magenta (47%)

Yellow (0%)

Black (55%)



Cyan (76%)

Magenta (76%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2700, 24.0239, -5.4988 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 67.2700, 24.0239, -5.4988 by changing the saturation by 10% instead.

■ 67.2700, 24.0239,
-5.4988

■ 67.2700, 24.0239,
-5.4988

■ 255.0000, 0.0000,
0.0000

■ 44.0310, 23.1557,
-7.0432

■ 116.0360, 25.6183,
-3.5396

■ 20.8840, 22.7352,
-12.1763

■ 142.2640, 26.4918,
-3.7395

■ 5.1300, 19.6559,
-4.4990

■ 168.7910, 27.2180,
-3.3247

■ 3.2090, 9.7570,
-2.8143

■ 196.3180, 27.9442,
-2.9099

■ 0.0000, 0.0000,
0.0000

■ 220.7670, 16.8769,
0.2043

■ 246.4610, 4.2097,

3.1037

■ 67.2700, 24.0239,
-5.4988

■ 67.2700, 24.0239,
-5.4988

■ 56.6380, 29.2655,
-6.6985

■ 77.9020, 18.7823,
-4.2991

■ 46.8920, 34.0702,
-7.7983

■ 87.6480, 13.9775,
-3.1993

■ 36.2600, 39.3118,
-8.9980

■ 98.2800, 8.7360,
-1.9996

■ 26.5140, 44.1166,
-10.0978

■ 108.0260, 3.9312,
-0.8998

■ 15.8820, 49.3582,
-11.2975

■ 118.6580, -1.3104,
0.2999

■ 13.2240, 50.6686,
-11.5974

■ 129.2900, -6.5520,
1.4997

■ 139.0360,
-11.3567, 2.5994

■ 149.6680,
-16.5983, 3.7992

■ 159.4140,
-21.4031, 4.8989

Harmonies

Analogous

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



55.4710, 32.3058, -48.6481



67.2700, 24.0239, -5.4988



68.8240, 13.8908, 24.7104

Triad

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



67.2700, 24.0239, -5.4988



65.1880, -21.7847, 34.0381



54.1420, 4.3670, -47.4825

Complementary

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



67.2700, 24.0239, -5.4988



109.7300, -24.0239, 5.4988

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.



54.2720, -9.5011, -32.6875



67.2700, 24.0239, -5.4988



62.9550, -28.5718, 17.5795

Square

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



67.2700, 24.0239, -5.4988



64.6420, -10.1765, 44.1640



60.6750, -23.9968, -3.2230



57.3340, 16.5973, -50.2819

Rectangle

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



67.2700, 24.0239, -5.4988



66.6640, 6.5746, 38.0057



60.6750, -23.9968, -3.2230



52.4150, 0.2884, -45.9680

Sweetspot

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



67.2700, 24.0239, -5.4988



131.3940, 9.1728, -2.0995



99.5550, 8.1074, -33.8127



64.5960, 6.1152, -1.3997



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.



67.2700, 24.0239, -5.4988



74.6900, 37.1278, -8.4981



75.6420, 19.8965, 11.7150



53.6840, 2.6208, -0.5999



13.9080, 53.2894, -12.1973



28.5000, 109.1995, -24.9945

Inverse Universe

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



83.7150, 15.9165, 28.3139



100.1050, 24.5982, 43.7579



101.6570, -20.0439, -11.1002



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 67.2700, 24.0239, -5.4988 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 67.2700, 24.0239, -5.4988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

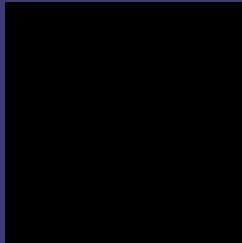
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.2700, 24.0239, -5.4988

Background



This preview shows how black text looks on a background with the YUV color 67.2700, 24.0239, -5.4988.



This preview shows how white text looks on a background with the YUV color 67.2700, 24.0239, -5.4988.

-5.4988.

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

67.2700, 24.0239, -5.4988

Protanopia

64.0940, 27.5617, -20.2534

Deuteranopia

62.1810, 25.5468, -27.3457



Tritanopia

64.7040, 5.5689, -12.8954

Trichromacy



Original Color

67.2700, 24.0239, -5.4988

Protanomaly

65.4860, 26.3824, -15.3352

Deuteranomaly

63.8230, 25.2303, -19.1388

Tritanomaly

65.8490, 12.3994, -10.3916

Monochromacy



Original Color

67.2700, 24.0239, -5.4988

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2800, 8.7360, -1.9996

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2700, 24.0239, -5.4988 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(61, 61, 116)` looks like.

```
.text, #text, p{  
    color:rgb(61, 61, 116)  
}
```

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(61, 61, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 61, 116) }
```

Border

The CSS property to change the border of an element to YUV 67.2700, 24.0239, -5.4988 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(61, 61, 116) }
```


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

```
.border{ border-color:rgb(61, 61, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 61, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 61, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 61, 116);  
box-shadow:4px 4px 4px 4px rgb(61, 61,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 67.2700, 24.0239, -5.4988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 61, 116) }
```

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

```
.background{ background-color: rgb(61, 61,  
116) }
```

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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