

Converting Colors

YUV(67.0000, 0.0000, 0.0000)

Have a look what the booklet for
YUV(67.0000, 0.0000, 0.0000)
contains.

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Color

**YUV(67.0000, 0.0000,
0.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	434343
RGB	67, 67, 67
RGB Percent	26%, 26%, 26%
CMY	0.7373, 0.7373, 0.7373
CMYK	0.00, 0.00, 0.00, 0.74
HSL	0°, 0%, 26%
HSV	0°, 0%, 26%
XYZ	5.3350, 5.6128, 6.1124
YIQ	67.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
RYB	67, 67, 67
Decimal	4408131
CIELab	28.41, 0.00, -0.00
CIELCh	28, 0.004, 296.813
Yxy	5.6128, 0.3127, 0.3290
Android (android.graphics.Color)	4282598211 (0xFF434343)
YUV	67.0000, 0.0000, 0.0000
Hunter-Lab	23.6915, -1.2641, 1.2872

Details

The YUV color $[67.0000, 0.0000, 0.0000]$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $[67.0000, 0.0000, 0.0000]$, and the grayscale version is $[67.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[115.0000, 0.0000, 0.0000]$, and $[24.0000, 0.0000, 0.0000]$ is the 20% darker color. If you saturate the color by 10%, you get $[62.0930, -1.0318, 4.3034]$, and if you desaturate by 10%, it is $[71.9070, 1.0318, -4.3034]$.

Distribution



Red (26%)

Green (26%)

Blue (26%)



Red (26%)

Yellow (26%)

Blue (26%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (74%)



Cyan (74%)

Magenta (74%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0000, 0.0000, 0.0000 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 67.0000, 0.0000, 0.0000 by changing the saturation by 10% instead.

■ 67.0000, 0.0000,
0.0000

■ 67.0000, 0.0000,
0.0000

■ 255.0000, 0.0000,
0.0000

■ 45.0000, 0.0000,
0.0000

■ 115.0000, 0.0000,
0.0000

■ 24.0000, 0.0000,
0.0000

■ 140.0000, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 167.0000, 0.0000,
0.0000

■ 194.0000, 0.0000,
0.0000

■ 222.0000, 0.0000,
0.0000

■ 250.0000, 0.0000,

0.0000

■ 67.0000, 0.0000,
0.0000

■ 67.0000, 0.0000,
0.0000

■ 62.0930, -1.0318,
4.3034

■ 71.9070, 1.0318,
-4.3034

■ 57.8870, -1.9163,
7.9921

■ 76.1130, 1.9163,
-7.9921

■ 52.9800, -2.9481,
12.2955

■ 81.0200, 2.9481,
-12.2955

■ 48.0730, -3.9800,
16.5990

■ 85.9270, 3.9800,
-16.5990

■ 43.8670, -4.8644,
20.2876

■ 90.8340, 5.0118,
-20.9024

■ 38.9600, -5.8963,
24.5911

■ 95.0400, 5.8963,
-24.5911

■ 34.0530, -6.9281,
28.8945

■ 99.9470, 6.9281,
-28.8945

■ 29.1460, -7.9600,
33.1980

■ 104.8540, 7.9600,
-33.1980

■ 24.9400, -8.8444,
36.8866

■ 109.0600, 8.8444,
-36.8866

Harmonies

Sweetspot

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



67.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000



171.0000, 0.0000, 0.0000

Same Dimension

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



67.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000



29.0030, -14.2985, 59.6334



66.9760, -33.0192, 137.7100

Inverse Universe

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



67.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000



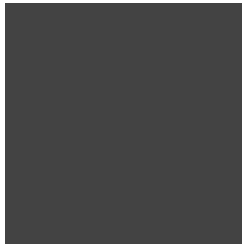
67.9970, 14.2985, -59.6334



157.0240, 33.0192, -137.7100

Previews

White Background



This preview shows how the YUV color 67.0000, 0.0000, 0.0000 looks on a white background.

Color Contrast Check

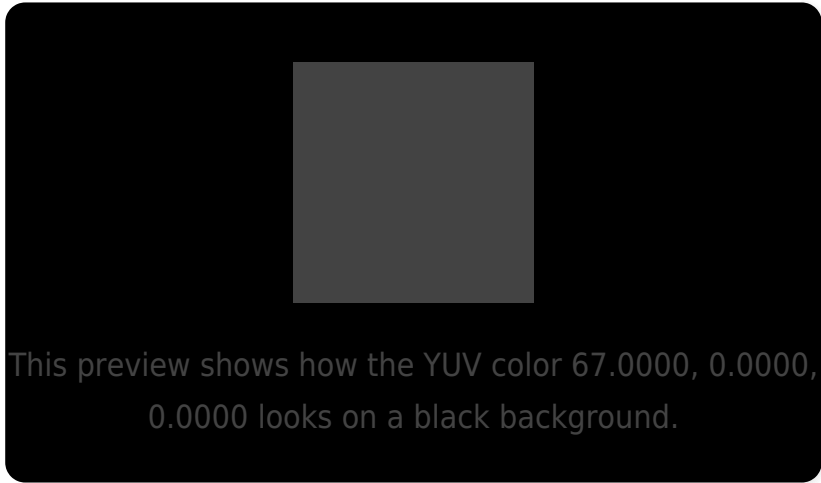
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

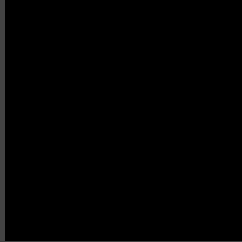
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

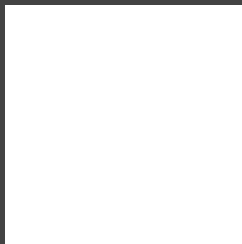
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.0000, 0.0000, 0.0000

Background



This preview shows how black text looks on a background with the YUV color 67.0000, 0.0000, 0.0000.



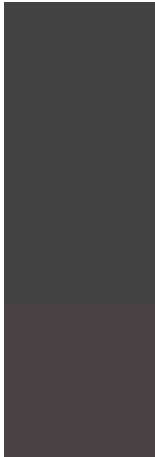
This preview shows how white text looks on a background with the YUV color 67.0000, 0.0000,

0.0000.

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

67.0000, 0.0000, 0.0000

Protanopia

67.2990, -0.1474, 0.6148

Deuteranopia

67.6200, -0.3057, 4.7183



Tritanopia

67.2820, 2.3260, 0.6297

Trichromacy



Original Color

67.0000, 0.0000, 0.0000

Protanomaly

67.2990, -0.1474, 0.6148

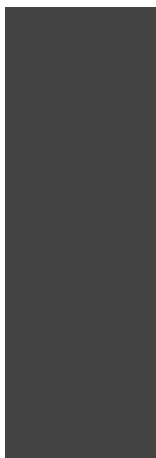
Deuteranomaly

67.6090, -0.3002, 2.9739

Tritanomaly

67.0540, 1.4524, 0.8296

Monochromacy



Original Color

67.0000, 0.0000, 0.0000

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0000, 0.0000, 0.0000 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(67, 67, 67)` looks like.

```
.text, #text, p{  
    color:rgb(67, 67, 67)  
}
```

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(67, 67, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 67, 67) }
```

Border

The CSS property to change the border of an element to YUV 67.0000, 0.0000, 0.0000 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(67, 67, 67) }
```


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

```
.border{ border-color:rgb(67, 67, 67) }
```

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

Here you see how a box with a 4 pixel rgb(67, 67, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 67, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 67, 67);  
box-shadow:4px 4px 4px 4px rgb(67, 67, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.0000, 0.0000, 0.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 67, 67) }
```

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

```
.background{ background-color: rgb(67, 67,  
67) }
```

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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