

Converting Colors

YUV(62.2660, 73.8189,
-16.8963)

Have a look what the booklet for
YUV(62.2660, 73.8189, -16.8963)
contains.

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Color

**YUV(62.2660, 73.8189,
-16.8963)**

Conversions

Conversions Part 1

Format	Color
Hex	2B2BD4
RGB	43, 43, 212
RGB Percent	17%, 17%, 83%
CMY	0.8314, 0.8314, 0.1686
CMYK	0.80, 0.80, 0.00, 0.17
HSL	240°, 66%, 50%
HSV	240°, 80%, 83%
XYZ	13.7438, 6.9948, 62.9131
YIQ	62.2660, -54.2490, 52.5590

Conversions

Conversions Part 2

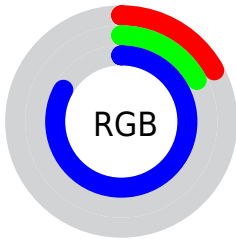
Format	Color
RYB	43, 43, 212
Decimal	2829268
CIELab	31.80, 56.42, -84.17
CIElCh	32, 101.337, 303.835
Yxy	6.9948, 0.1643, 0.0836
Android (android.graphics.Color)	4281019348 (0xFF2B2BD4)
YUV	62.2660, 73.8189, -16.8963
Hunter-Lab	26.4477, 46.4757, -122.5241

Details

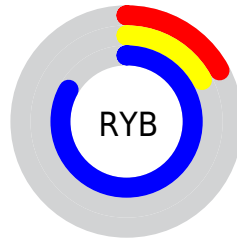
The YUV color **62.2660, 73.8189, -16.8963** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **192.7340, -73.8189, 16.8963**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.6550, 67.2181, 0.3026**, and **17.7840, 68.1405, -15.5966** is the 20% darker color. If you saturate the color by 10%, you get **43.6600, 82.9916, -18.9958**, and if you desaturate by 10%, it is **80.8720, 64.6461, -14.7967**.

Distribution



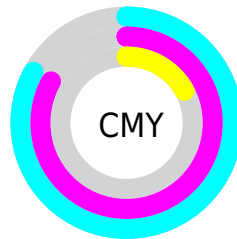
- Red (17%)
- Green (17%)
- Blue (83%)



- Red (17%)
- Yellow (17%)
- Blue (83%)



- Cyan (80%)
- Magenta (80%)
- Yellow (0%)
- Black (17%)



- Cyan (83%)
- Magenta (83%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.2660, 73.8189, -16.8963 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 62.2660, 73.8189, -16.8963 by changing the saturation by 10% instead.

■ 62.2660, 73.8189,
-16.8963

■ 62.2660, 73.8189,
-16.8963

■ 255.0000, 0.0000,
0.0000

■ 31.5420, 75.1618,
-27.6623

■ 118.6550, 67.2181,
0.3026

■ 17.7840, 68.1405,
-15.5966

■ 143.4850, 54.9769,
6.5907

■ 14.7060, 56.3469,
-12.8972

■ 168.9020, 42.4463,
12.3639

■ 12.2150, 44.2640,
-10.7126

■ 194.0200, 30.0631,
17.5225

■ 14.6480, 30.7395,
-12.8463

■ 219.1380, 17.6800,
22.6810

■ 8.9770, 21.7033,
-7.8728

■ 239.1510, 7.8136,

■ 4.7080, 12.9620,

13.8996

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 62.2660, 73.8189,
-16.8963

■ 62.2660, 73.8189,
-16.8963

■ 43.6600, 82.9916,
-18.9958

■ 80.8720, 64.6461,
-14.7967

■ 25.0540, 92.1644,
-21.0954

■ 99.4780, 55.4733,
-12.6972

■ 24.1680, 92.6012,
-21.1953

■ 118.9700, 45.8638,
-10.4977

■ 137.5760, 36.6910,
-8.3982

■ 156.1820, 27.5183,
-6.2986

■ 174.7880, 18.3455,
-4.1991

■ 193.3940, 9.1728,
-2.0995

■ 212.8860, -0.4368,
0.1000

■ 231.4920, -9.6096,
2.1995

Harmonies

Analogous

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



78.5430, 80.0913, -68.8822



62.2660, 73.8189, -16.8963



67.2890, 39.2975, 89.2005

Triad

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



62.2660, 73.8189, -16.8963



62.4270, -30.7765, 71.5395



68.2760, 7.7519, -59.8781

Complementary

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



62.2660, 73.8189, -16.8963



192.7340, -73.8189, 16.8963

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.



56.9390, -28.0709, -49.9355



62.2660, 73.8189, -16.8963



69.4290, -34.2285, 11.9018

Square

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



62.2660, 73.8189, -16.8963



55.9130, -27.5651, 114.9633



54.0040, -26.6240, -47.3615



78.5700, 42.1170, -68.9059

Rectangle

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



62.2660, 73.8189, -16.8963



69.1350, 12.7514, 110.3836



54.0040, -26.6240, -47.3615



64.3830, -4.6258, -56.4639

Sweetspot

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



62.2660, 73.8189, -16.8963



200.9540, 26.6447, -6.0987



161.4690, 24.9118, -103.8973



95.2180, 16.1615, -3.6992



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



62.2660, 73.8189, -16.8963



37.9300, 107.0155, -24.4946



87.6810, 61.2893, 35.3598



97.2540, 4.8048, -1.0998



19.4940, 74.6925, -17.0962



4.9020, 18.7823, -4.2991

Inverse Universe

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



112.7970, 48.9071, 87.0010



111.1850, 70.9008, 126.1258



167.6180, -61.4367, -34.7450



100.5430, 3.1833, 5.6628



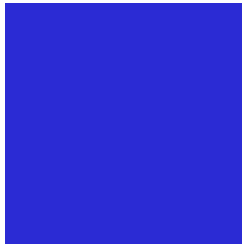
70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 62.2660, 73.8189, -16.8963 looks on a white background.

Color Contrast Check

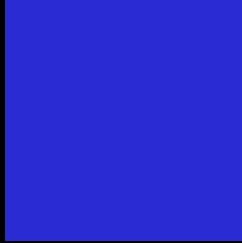
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.2660, 73.8189, -16.8963 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 62.2660, 73.8189, -16.8963

Background



This preview shows how black text looks on a background with the YUV color 62.2660, 73.8189, -16.8963.



This preview shows how white text looks on a background with the YUV color 62.2660, 73.8189, -16.8963.

-16.8963.

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

62.2660, 73.8189, -16.8963

Protanopia

59.4780, 45.1203, -52.1622

Deuteranopia

59.7910, 33.6270, -52.4367



Tritanopia

58.6390, 13.9820, -51.4264

Trichromacy



Original Color

62.2660, 73.8189, -16.8963

Protanomaly

60.3130, 55.5547, -38.8625

Deuteranomaly

61.0650, 48.2820, -39.5220

Tritanomaly

59.7480, 35.6202, -38.3670

Monochromacy



Original Color

62.2660, 73.8189, -16.8963

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0680, 27.0815, -6.1986

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.2660, 73.8189, -16.8963 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(43, 43, 212)` looks like.

```
.text, #text, p{  
    color:rgb(43, 43, 212)  
}
```

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(43, 43, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 43, 212) }
```

Border

The CSS property to change the border of an element to YUV 62.2660, 73.8189, -16.8963 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(43, 43, 212) }
```


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

```
.border{ border-color:rgb(43, 43, 212) }
```

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

Here you see how a box with a 4 pixel rgb(43, 43, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 43, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 43, 212);  
box-shadow:4px 4px 4px 4px rgb(43, 43,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 62.2660, 73.8189, -16.8963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 43, 212) }
```

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

```
.background{ background-color: rgb(43, 43,  
212) }
```

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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