

Converting Colors

YUV(60.4420, 66.8301,
-15.2966)

Have a look what the booklet for
YUV(60.4420, 66.8301, -15.2966)
contains.

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Color

**YUV(60.4420, 66.8301,
-15.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	2B2BC4
RGB	43, 43, 196
RGB Percent	17%, 17%, 77%
CMY	0.8314, 0.8314, 0.2314
CMYK	0.78, 0.78, 0.00, 0.23
HSL	240°, 64%, 47%
HSV	240°, 78%, 77%
XYZ	11.8239, 6.2269, 52.8033
YIQ	60.4420, -49.1130, 47.5830

Conversions

Conversions Part 2

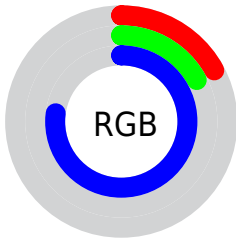
Format	Color
RYB	43, 43, 196
Decimal	2829252
CIELab	29.98, 51.42, -77.86
CIELCh	30, 93.307, 303.442
Yxy	6.2269, 0.1669, 0.0879
Android (android.graphics.Color)	4281019332 (0xFF2B2BC4)
YUV	60.4420, 66.8301, -15.2966
Hunter-Lab	24.9537, 40.9107, -107.9930

Details

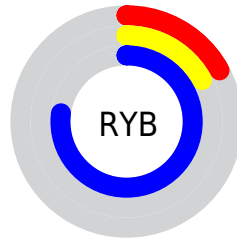
The YUV color **60.4420, 66.8301, -15.2966** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **178.5580, -66.8301, 15.2966**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.3450, 67.3709, -2.0566**, and **16.0740, 61.5885, -14.0969** is the 20% darker color. If you saturate the color by 10%, you get **42.7220, 75.5661, -17.2962**, and if you desaturate by 10%, it is **78.1620, 58.0941, -13.2971**.

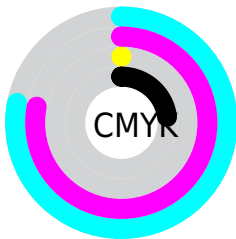
Distribution



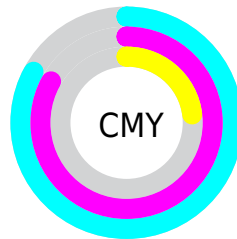
- Red (17%)
- Green (17%)
- Blue (77%)



- Red (17%)
- Yellow (17%)
- Blue (77%)



- Cyan (78%)
- Magenta (78%)
- Yellow (0%)
- Black (23%)



- Cyan (83%)
- Magenta (83%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.4420, 66.8301, -15.2966 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 60.4420, 66.8301, -15.2966 by changing the saturation by 10% instead.

■ 60.4420, 66.8301,
-15.2966

■ 60.4420, 66.8301,
-15.2966

■ 255.0000, 0.0000,
0.0000

■ 30.3050, 67.8836,
-26.5775

■ 117.3450, 67.3709,
-2.0566

■ 16.0740, 61.5885,
-14.0969

■ 141.7020, 55.8559,
4.6463

■ 12.9960, 49.7950,
-11.3975

■ 165.9340, 43.9095,
9.7049

■ 13.5540, 36.7019,
-11.8869

■ 191.0520, 31.5264,
14.8634

■ 11.4050, 25.9293,
-10.0022

■ 216.7570, 18.8538,
19.5071

■ 6.4350, 17.0405,
-5.6435

■ 237.9770, 8.3923,

■ 2.7530, 8.0098,

14.9292

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 60.4420, 66.8301,
-15.2966

■ 60.4420, 66.8301,
-15.2966

■ 42.7220, 75.5661,
-17.2962

■ 78.1620, 58.0941,
-13.2971

■ 25.8880, 83.8652,
-19.1958

■ 94.9960, 49.7950,
-11.3975

■ 22.3440, 85.6124,
-19.5957

■ 112.7160, 41.0590,
-9.3979

■ 129.5500, 32.7598,
-7.4984

■ 147.2700, 24.0239,
-5.4988

■ 164.9900, 15.2879,
-3.4992

■ 181.8240, 6.9888,
-1.5996

■ 199.5440, -1.7472,
0.3999

■ 216.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



73.4420, 73.2391, -64.4086



60.4420, 66.8301, -15.2966



62.2620, 36.8458, 82.2082

Triad

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



60.4420, 66.8301, -15.2966



60.0350, -29.5973, 66.6213



64.0700, 6.8675, -56.1894

Complementary

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



60.4420, 66.8301, -15.2966



178.5580, -66.8301, 15.2966

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.



54.0040, -26.6240, -47.3615



60.4420, 66.8301, -15.2966



66.1840, -32.6287, 12.1166

Square

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



60.4420, 66.8301, -15.2966



52.0260, -25.6488, 106.9712



50.4820, -24.8876, -44.2727



73.5660, 38.1750, -64.5174

Rectangle

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



60.4420, 66.8301, -15.2966



64.3790, 12.6312, 102.2766



50.4820, -24.8876, -44.2727



60.5190, -4.1999, -53.0752

Sweetspot

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



60.4420, 66.8301, -15.2966



202.7260, 25.7711, -5.8987



150.2530, 22.5533, -94.0609



96.1040, 15.7247, -3.5992



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.



60.4420, 66.8301, -15.2966



42.3600, 104.8315, -23.9947



83.4650, 55.4798, 32.0412



88.1400, 4.3680, -0.9998



18.3540, 70.3245, -16.0965



3.7620, 14.4143, -3.2993

Inverse Universe

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



106.1890, 44.2768, 78.7642



114.1200, 69.4538, 123.5518



155.8340, -55.6272, -31.4264



91.1300, 2.8939, 5.1480



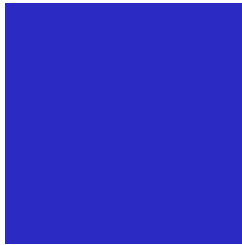
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 60.4420, 66.8301, -15.2966 looks on a white background.

Color Contrast Check

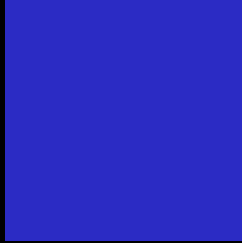
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.4420, 66.8301, -15.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

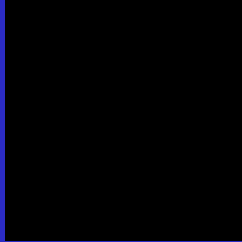
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.4420, 66.8301, -15.2966

Background



This preview shows how black text looks on a background with the YUV color 60.4420, 66.8301, -15.2966.



This preview shows how white text looks on a background with the YUV color 60.4420, 66.8301, -15.2966.

-15.2966.

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

60.4420, 66.8301, -15.2966

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.7590, 32.1638, -49.7776



Tritanopia

55.2480, 13.6817, -48.4525

Trichromacy



Original Color

60.4420, 66.8301, -15.2966

Protanomaly

57.8850, 51.3287, -36.7331

Deuteranomaly

58.1640, 44.7821, -36.9778

Tritanomaly

57.0750, 32.9940, -36.0228

Monochromacy



Original Color

60.4420, 66.8301, -15.2966

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.2700, 24.0239, -5.4988

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.4420, 66.8301, -15.2966 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(43, 43, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 43, 196) }
```

Border

The CSS property to change the border of an element to YUV 60.4420, 66.8301, -15.2966 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, 196) }
```


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

```
.border{ border-color:rgb(43, 43, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 43, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 43, 196);  
box-shadow:4px 4px 4px 4px rgb(43, 43,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 60.4420, 66.8301, -15.2966 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, 196) }
```

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

```
.background{ background-color: rgb(43, 43,  
196) }
```

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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