

Converting Colors

YUV(43.0200, 87.2511, 14.8915)

Have a look what the booklet for
YUV(43.0200, 87.2511, 14.8915)
contains.

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Color

**YUV(43.0200, 87.2511,
14.8915)**

Conversions

Conversions Part 1

Format	Color
Hex	3C00DC
RGB	60, 0, 220
RGB Percent	24%, 0%, 86%
CMY	0.7647, 1.0000, 0.1373
CMYK	0.73, 1.00, 0.00, 0.14
HSL	256°, 100%, 43%
HSV	256°, 100%, 86%
XYZ	14.7817, 6.1280, 68.1139
YIQ	43.0200, -34.8600, 81.1400

Conversions

Conversions Part 2

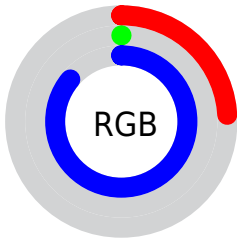
Format	Color
RYB	60, 0, 220
Decimal	3932380
CIELab	29.73, 71.76, -92.20
CIELCh	30, 116.834, 307.894
Yxy	6.1280, 0.1660, 0.0688
Android (android.graphics.Color)	4282122460 (0xFF3C00DC)
YUV	43.0200, 87.2511, 14.8915
Hunter-Lab	24.7547, 63.2666, -145.8111

Details

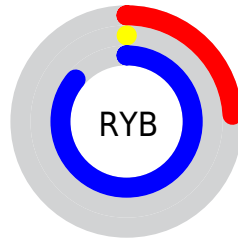
The YUV color **43.0200, 87.2511, 14.8915** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **176.9800, -87.2511, -14.8915**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.9270, 71.5210, 20.2350**, and **18.5820, 71.1981, -16.2964** is the 20% darker color. If you saturate the color by 10%, you get **43.0200, 87.2511, 14.8915**, and if you desaturate by 10%, it is **60.7180, 78.5260, 13.4023**.

Distribution



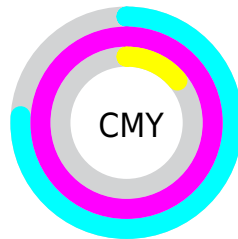
- Red (24%)
- Green (0%)
- Blue (86%)



- Red (24%)
- Yellow (0%)
- Blue (86%)



- Cyan (73%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (76%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.0200, 87.2511, 14.8915 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 43.0200, 87.2511, 14.8915 by changing the saturation by 10% instead.

■ 43.0200, 87.2511,
14.8915

■ 43.0200, 87.2511,
14.8915

■ 255.0000, 0.0000,
0.0000

■ 21.7740, 83.4284,
-19.0958

■ 109.9270, 71.5210,
20.2350

■ 18.5820, 71.1981,
-16.2964

■ 135.3440, 58.9904,
26.0083

■ 15.5040, 59.4045,
-13.5970

■ 160.7610, 46.4598,
31.7816

■ 12.4260, 47.6110,
-10.8976

■ 186.7650, 33.6399,
37.0401

■ 16.0330, 33.5077,
-14.0609

■ 210.9750, 21.7043,
38.6099


■ 10.2480, 24.0347,
-8.9875


■ 227.9980, 13.3120,

■ 5.3920, 15.5827,


23.6808


-4.7288


 245.0210, 4.9196,
8.7516


 2.0690, 5.3890,
-1.8145


 0.0000, 0.0000,
0.0000

 43.0200, 87.2511,
14.8915

 60.7180, 78.5260,
13.4023

 78.4160, 69.8009,
11.9132

 96.1140, 61.0758,
10.4240

 113.8120, 52.3507,
8.9349

■ 131.5100, 43.6256,
7.4457

■ 149.2080, 34.9005,
5.9566

■ 166.9060, 26.1753,
4.4674

■ 184.6040, 17.4502,
2.9783

■ 202.3020, 8.7251,
1.4891

Harmonies

Analogous

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



77.2040, 87.6534, -67.7079



43.0200, 87.2511, 14.8915



71.0900, 34.4656, 99.0221

Triad

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



43.0200, 87.2511, 14.8915



57.3990, -28.2977, 69.8101



66.9540, 12.8407, -58.7187

Complementary

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



43.0200, 87.2511, 14.8915



176.9800, -87.2511, -14.8915

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.



54.5910, -26.9134, -47.8763



43.0200, 87.2511, 14.8915



63.4600, -31.2858, 1.3506

Square

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



43.0200, 87.2511, 14.8915



56.2120, -27.7125, 115.5781



52.2430, -25.7558, -45.8171



79.0890, 51.7211, -69.3611

Rectangle

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



43.0200, 87.2511, 14.8915



71.4260, 4.7200, 119.7754



52.2430, -25.7558, -45.8171



62.7190, -0.8475, -55.0046

Sweetspot

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



43.0200, 87.2511, 14.8915



193.6440, 30.2485, 4.6972



119.5870, 49.5036, -104.8778



90.8320, 18.3238, 2.7783



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.



43.0200, 87.2511, 14.8915



50.0000, 101.0650, 17.5400



75.6110, 71.1838, 81.9022



101.1510, 4.3626, 0.7446



33.7750, 68.6379, 11.5983



9.1310, 18.1764, 3.3931

Inverse Universe

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



84.0200, 37.4581, 119.2545



97.3350, 43.2188, 138.2722



144.3890, -71.1838, -81.9022



103.2010, 1.8729, 5.9627



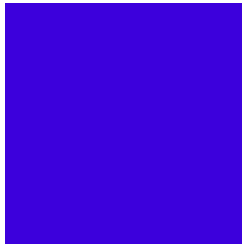
66.0910, 29.5351, 93.7592



17.5160, 7.6336, 24.9805

Previews

White Background



This preview shows how the YUV color 43.0200, 87.2511, 14.8915 looks on a white background.

Color Contrast Check

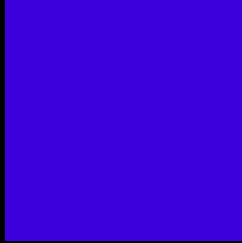
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0200, 87.2511, 14.8915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

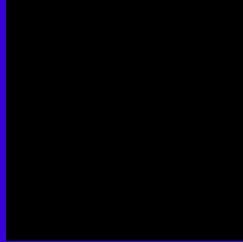
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.0200, 87.2511, 14.8915

Background



This preview shows how black text looks on a background with the YUV color 43.0200, 87.2511, 14.8915.



This preview shows how white text looks on a background with the YUV color 43.0200, 87.2511,

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



Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.4600, 32.3112, -50.3924

Tritanopia

56.5360, 13.5398, -49.5821

Trichromacy



Protanomaly

52.0140, 59.1531, -26.3223

Deuteranomaly

52.1790, 52.1698, -26.4670

Tritanomaly

51.6770, 40.0922, -26.0267

Monochromacy



Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.6980, 31.7009, 5.5269

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.0200, 87.2511, 14.8915 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(60, 0, 220)` looks like.

```
.text, #text, p{  
    color:rgb(60, 0, 220)  
}
```

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(60, 0, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 0, 220) }
```

Border

The CSS property to change the border of an element to YUV 43.0200, 87.2511, 14.8915 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(60, 0, 220) }
```

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

```
.border{ border-color:rgb(60, 0, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 0, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 0, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 0, 220);  
box-shadow:4px 4px 4px 4px rgb(60, 0, 220)  
}
```


Background

The CSS property to change the background color of an element to YUV 43.0200, 87.2511, 14.8915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 0, 220) }
```

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

```
.background{ background-color: rgb(60, 0,  
220) }
```

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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