

Converting Colors

YUV(43.4320, 89.0200, 7.5141)

Have a look what the booklet for
YUV(43.4320, 89.0200, 7.5141)
contains.

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Color

**YUV(43.4320, 89.0200,
7.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	3404E0
RGB	52, 4, 224
RGB Percent	20%, 2%, 88%
CMY	0.7961, 0.9843, 0.1216
CMYK	0.77, 0.98, 0.00, 0.12
HSL	253°, 96%, 45%
HSV	253°, 98%, 88%
XYZ	14.9141, 6.1987, 70.9314
YIQ	43.4320, -42.0120, 78.5960

Conversions

Conversions Part 2

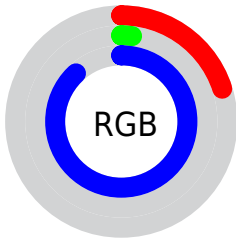
Format	Color
R _{YB}	52, 4, 224
Decimal	3409120
CIE Lab	29.91, 71.80, -94.22
CIE LCh	30, 118.465, 307.309
Yxy	6.1987, 0.1620, 0.0673
Android (android.graphics.Color)	4281599200 (0xFF3404E0)
YUV	43.4320, 89.0200, 7.5141
Hunter-Lab	24.8972, 63.3564, -151.4873

Details

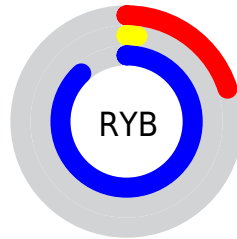
The YUV color **43.4320, 89.0200, 7.5141** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **184.5680, -89.0200, -7.5141**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3180, 71.8212, 17.2611**, and **19.0380, 72.9453, -16.6963** is the 20% darker color. If you saturate the color by 10%, you get **40.1870, 90.6198, 7.7290**, and if you desaturate by 10%, it is **61.7280, 80.0001, 7.2545**.

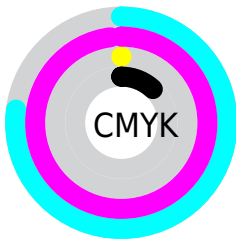
Distribution



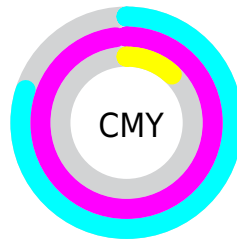
- Red (20%)
- Green (2%)
- Blue (88%)



- Red (20%)
- Yellow (2%)
- Blue (88%)



- Cyan (77%)
- Magenta (98%)
- Yellow (0%)
- Black (12%)



- Cyan (80%)
- Magenta (98%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.4320, 89.0200, 7.5141 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 43.4320, 89.0200, 7.5141 by changing the saturation by 10% instead.

■ 43.4320, 89.0200,
7.5141

■ 43.4320, 89.0200,
7.5141

■ 255.0000, 0.0000,
0.0000

■ 22.2300, 85.1756,
-19.4957

■ 109.3180, 71.8212,
17.2611

■ 19.0380, 72.9453,
-16.6963

■ 135.0340, 59.1432,
23.6492

■ 15.8460, 60.7149,
-13.8969

■ 160.4510, 46.6127,
29.4225

■ 12.8820, 49.3582,
-11.2975

■ 186.4550, 33.7927,
34.6810

■ 16.9620, 34.5287,
-14.8757

■ 211.5620, 21.4149,
38.0951


■ 10.7040, 25.7819,
-9.3874


■ 227.9980, 13.3120,


■ 6.3210, 16.6037,


23.6808


-5.5435


 245.6080, 4.6303,
8.2368


 2.5250, 7.1362,
-2.2144


 0.0000, 0.0000,
0.0000


 43.4320, 89.0200,
7.5141


 43.4320, 89.0200,
7.5141

 40.1870, 90.6198,
7.7290

 61.7280, 80.0001,
7.2545

 80.3120, 70.8382,
5.8654

 98.6080, 61.8183,
5.6058

 117.1920, 52.6563,
4.2166

■ 135.4880, 43.6364,
3.9570

■ 153.4850, 34.7639,
3.0827

■ 172.3680, 25.4546,
2.3083

■ 190.3650, 16.5821,
1.4339

■ 209.2480, 7.2727,
0.6595

Harmonies

Analogous

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



78.3780, 87.0746, -68.7375



43.4320, 89.0200, 7.5141



71.7310, 35.6286, 99.3369

Triad

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



43.4320, 89.0200, 7.5141



56.5350, -27.8718, 73.1988



67.4270, 12.1145, -59.1335

Complementary

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



43.4320, 89.0200, 7.5141



184.5680, -89.0200, -7.5141

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.



55.1780, -27.2028, -48.3911



43.4320, 89.0200, 7.5141



63.7590, -31.4332, 1.9654

Square

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



43.4320, 89.0200, 7.5141



57.1090, -28.1547, 117.4224



52.8300, -26.0452, -46.3319



79.7900, 51.8685, -69.9758

Rectangle

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



43.4320, 89.0200, 7.5141



72.3660, 5.7356, 120.7050



52.8300, -26.0452, -46.3319



63.1920, -1.5737, -55.4194

Sweetspot

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



43.4320, 89.0200, 7.5141



194.2200, 29.9645, 2.4381



130.0440, 46.3203, -110.5406



91.1200, 18.1818, 1.6488



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.



43.4320, 89.0200, 7.5141



45.8140, 103.1287, 8.9331



76.3220, 72.8053, 75.1396



102.8520, 4.5100, 0.1298



31.4260, 71.2750, 5.7654



8.7610, 19.3448, 1.9636

Inverse Universe

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



89.3880, 42.6997, 118.0547



98.9310, 49.3340, 136.8725



151.6780, -72.8053, -75.1396



105.3150, 2.3097, 5.8627



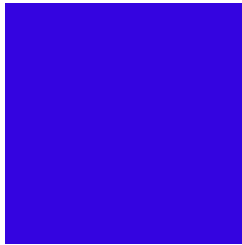
68.3560, 34.3345, 94.4038



18.6840, 9.5228, 25.7101

Previews

White Background



This preview shows how the YUV color 43.4320, 89.0200, 7.5141 looks on a white background.

Color Contrast Check

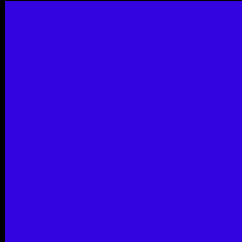
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4320, 89.0200, 7.5141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

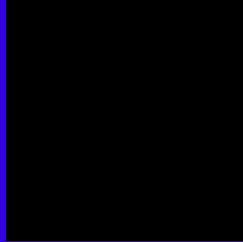
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.4320, 89.0200, 7.5141

Background



This preview shows how black text looks on a background with the YUV color 43.4320, 89.0200, 7.5141.



This preview shows how white text looks on a background with the YUV color 43.4320, 89.0200,

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

43.4320, 89.0200, 7.5141

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.4600, 32.3112, -50.3924



Tritanopia

55.8350, 13.3923, -48.9673

Trichromacy



Original Color

43.4320, 89.0200, 7.5141

Protanomaly

51.9320, 60.1795, -28.8814

Deuteranomaly

52.6840, 52.9068, -29.5409

Tritanomaly

51.4810, 40.6819, -28.4858

Monochromacy



Original Color

43.4320, 89.0200, 7.5141

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.2030, 32.4379, 2.4530

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.4320, 89.0200, 7.5141 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(52, 4, 224)` looks like.

```
.text, #text, p{  
    color:rgb(52, 4, 224)  
}
```

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(52, 4, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 4, 224) }
```

Border

The CSS property to change the border of an element to YUV 43.4320, 89.0200, 7.5141 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(52, 4, 224) }
```


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

```
.border{ border-color:rgb(52, 4, 224) }
```

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

Here you see how a box with a 4 pixel rgb(52, 4, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 4, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 4, 224);  
box-shadow:4px 4px 4px 4px rgb(52, 4, 224)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.4320, 89.0200, 7.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 4, 224) }
```

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

```
.background{ background-color: rgb(52, 4,  
224) }
```

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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