

Converting Colors

YUV(43.1920, 93.0823, 11.2326)

Have a look what the booklet for
YUV(43.1920, 93.0823, 11.2326)
contains.

YUV(43.1920, 93.0823, 11.2326)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(43.1920, 93.0823,
11.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	3800E8
RGB	56, 0, 232
RGB Percent	22%, 0%, 91%
CMY	0.7804, 1.0000, 0.0902
CMYK	0.76, 1.00, 0.00, 0.09
HSL	254°, 100%, 45%
HSV	254°, 100%, 91%
XYZ	16.1964, 6.6669, 76.7771
YIQ	43.1920, -41.0960, 84.0240

Conversions

Conversions Part 2

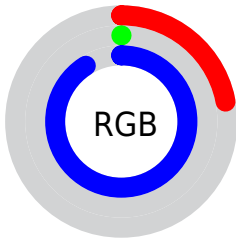
Format	Color
R _Y B	56, 0, 232
Decimal	3670248
CIE Lab	31.04, 74.46, -96.92
CIE LCh	31, 122.217, 307.534
Yxy	6.6669, 0.1625, 0.0669
Android (android.graphics.Color)	4281860328 (0xFF3800E8)
YUV	43.1920, 93.0823, 11.2326
Hunter-Lab	25.8204, 66.7819, -158.2247

Details

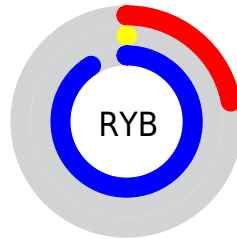
The YUV color **43.1920, 93.0823, 11.2326** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **188.8080, -93.0823, -11.2326**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.5140, 71.2316, 19.7202**, and **19.8360, 76.0029, -17.3962** is the 20% darker color. If you saturate the color by 10%, you get **43.1920, 93.0823, 11.2326**, and if you desaturate by 10%, it is **62.0750, 83.7730, 10.4582**.

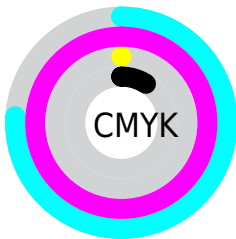
Distribution



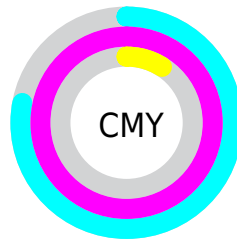
- Red (22%)
- Green (0%)
- Blue (91%)



- Red (22%)
- Yellow (0%)
- Blue (91%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)



- Cyan (78%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.1920, 93.0823, 11.2326 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 43.1920, 93.0823, 11.2326 by changing the saturation by 10% instead.

■ 43.1920, 93.0823,
11.2326

■ 43.1920, 93.0823,
11.2326

■ 255.0000, 0.0000,
0.0000

■ 23.1420, 88.6700,
-20.2955

■ 110.5140, 71.2316,
19.7202

■ 19.8360, 76.0029,
-17.3962

■ 136.2300, 58.5536,
26.1083

■ 16.7580, 64.2093,
-14.6968

■ 162.5330, 45.5862,
31.9816

■ 13.6800, 52.4158,
-11.9974

■ 188.5370, 32.7663,
37.2401

■ 18.9340, 37.0075,
-16.6051

■ 212.1490, 21.1255,
37.5803


■ 12.5620, 27.8239,
-11.0169


■ 228.5850, 13.0226,


■ 7.5920, 18.9351,


23.1660


-6.6582


 246.1950, 4.3409,
7.7220


 3.3230, 10.1938,
-2.9143


 0.0000, 0.0000,
0.0000

 43.1920, 93.0823,
11.2326

 62.0750, 83.7730,
10.4582

 80.6590, 74.6111,
9.0691

 100.1290, 65.0124,
7.7799

 118.7130, 55.8505,
6.3907

■ 137.5960, 46.5412,
5.6163

■ 156.4790, 37.2319,
4.8419

■ 175.0630, 28.0699,
3.4527

■ 194.5330, 18.4712,
2.1636

■ 213.1170, 9.3093,
0.7744

Harmonies

Analogous

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



80.1390, 86.2065, -70.2819



43.1920, 93.0823, 11.2326



74.6930, 36.6334, 103.7552

Triad

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



43.1920, 93.0823, 11.2326



58.9050, -29.0402, 74.6283



69.7580, 13.4303, -61.1778

Complementary

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



43.1920, 93.0823, 11.2326



188.8080, -93.0823, -11.2326

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



43.1920, 93.0823, 11.2326



66.1180, -32.5962, 1.6505

Square

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



43.1920, 93.0823, 11.2326



58.9030, -29.0392, 121.1111



54.5910, -26.9134, -47.8763



82.9360, 53.7686, -72.7349

Rectangle

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



43.1920, 93.0823, 11.2326



74.9860, 5.4299, 125.4233



54.5910, -26.9134, -47.8763



65.2950, -1.1314, -57.2637

Sweetspot

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



43.1920, 93.0823, 11.2326



193.0460, 30.5433, 3.4677



130.9340, 49.8255, -114.8291



90.5330, 18.4712, 2.1636



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.



43.1920, 93.0823, 11.2326



47.6080, 102.2443, 12.6218



77.2780, 76.2779, 81.3172



105.2650, 4.7994, 0.6446



33.2630, 71.8483, 8.5393



9.4020, 20.5078, 2.2784

Inverse Universe

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



89.4320, 42.6780, 125.0321



98.2470, 46.7132, 137.4724



154.7220, -76.2779, -81.3172



107.6140, 2.1623, 6.4775



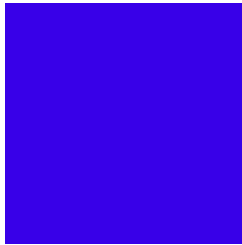
68.9110, 32.5819, 96.5481



19.6950, 9.5174, 27.4545

Previews

White Background



This preview shows how the YUV color 43.1920, 93.0823, 11.2326 looks on a white background.

Color Contrast Check

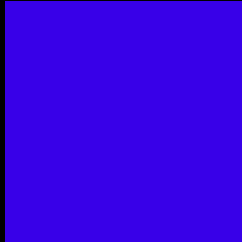
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1920, 93.0823, 11.2326 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 43.1920, 93.0823, 11.2326

Background



This preview shows how black text looks on a background with the YUV color 43.1920, 93.0823, 11.2326.



This preview shows how white text looks on a background with the YUV color 43.1920, 93.0823,

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

59.4780, 45.1203, -52.1622

Deuteranopia

59.7910, 33.6270, -52.4367

Tritanopia

58.6390, 13.9820, -51.4264

Trichromacy



Protanomaly

53.5020, 62.3635, -29.3813

Deuteranomaly

53.6670, 55.3802, -29.5260

Tritanomaly

53.0510, 42.8659, -28.9857

Monochromacy



Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.9690, 34.0323, 4.4122

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.1920, 93.0823, 11.2326 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(56, 0, 232)` looks like.

```
.text, #text, p{  
    color:rgb(56, 0, 232)  
}
```

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(56, 0, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 0, 232) }
```

Border

The CSS property to change the border of an element to YUV 43.1920, 93.0823, 11.2326 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(56, 0, 232) }
```

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

```
.border{ border-color:rgb(56, 0, 232) }
```

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

Here you see how a box with a 4 pixel rgb(56, 0, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 0, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 0, 232);  
box-shadow:4px 4px 4px 4px rgb(56, 0, 232)  
}
```


Background

The CSS property to change the background color of an element to YUV 43.1920, 93.0823, 11.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 0, 232) }
```

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

```
.background{ background-color: rgb(56, 0,  
232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor