

Converting Colors

YUV(42.6220, 90.8984, 11.7325)

Have a look what the booklet for
YUV(42.6220, 90.8984, 11.7325)
contains.

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Color

**YUV(42.6220, 90.8984,
11.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	3800E3
RGB	56, 0, 227
RGB Percent	22%, 0%, 89%
CMY	0.7804, 1.0000, 0.1098
CMYK	0.75, 1.00, 0.00, 0.11
HSL	255°, 100%, 45%
HSV	255°, 100%, 89%
XYZ	15.4960, 6.3868, 73.0891
YIQ	42.6220, -39.4910, 82.4690

Conversions

Conversions Part 2

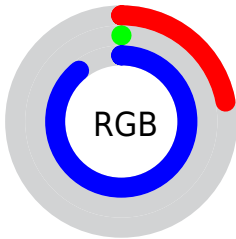
Format	Color
R_{YB}	56, 0, 227
Decimal	3670243
CIE _{Lab}	30.37, 73.29, -95.17
CIE _{LCh}	30, 120.118, 307.597
Yxy	6.3868, 0.1632, 0.0672
Android (android.graphics.Color)	4281860323 (0xFF3800E3)
YUV	42.6220, 90.8984, 11.7325
Hunter-Lab	25.2721, 65.2239, -153.7811

Details

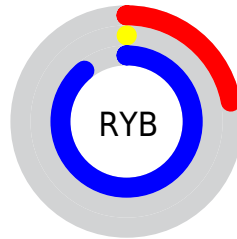
The YUV color **42.6220, 90.8984, 11.7325** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **184.3780, -90.8984, -11.7325**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.6280, 71.6684, 19.6202**, and **19.3800, 74.2557, -16.9963** is the 20% darker color. If you saturate the color by 10%, you get **42.6220, 90.8984, 11.7325**, and if you desaturate by 10%, it is **61.2060, 81.7364, 10.3433**.

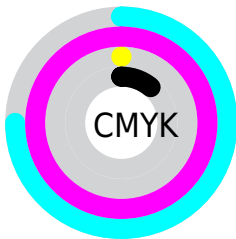
Distribution



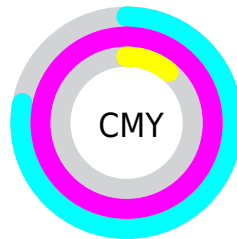
- Red (22%)
- Green (0%)
- Blue (89%)



- Red (22%)
- Yellow (0%)
- Blue (89%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (78%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.6220, 90.8984, 11.7325 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 42.6220, 90.8984, 11.7325 by changing the saturation by 10% instead.

■ 42.6220, 90.8984,
11.7325

■ 42.6220, 90.8984,
11.7325

■ 255.0000, 0.0000,
0.0000

■ 22.5720, 86.4860,
-19.7956

■ 109.6280, 71.6684,
19.6202

■ 19.3800, 74.2557,
-16.9963

■ 135.9310, 58.7010,
25.4935

■ 16.1880, 62.0253,
-14.1969

■ 161.3480, 46.1704,
31.2668

■ 13.1100, 50.2318,
-11.4975

■ 187.3520, 33.3505,
36.5253

■ 17.8910, 35.5497,
-15.6904

■ 211.5620, 21.4149,
38.0951

■ 11.5190, 26.3661,
-10.1022


■ 227.9980, 13.3120,


■ 6.5490, 17.4773,


23.6808


-5.7435


 245.6080, 4.6303,
8.2368


 2.8670, 8.4466,
-2.5144


 0.0000, 0.0000,
0.0000

 42.6220, 90.8984,
11.7325

 61.2060, 81.7364,
10.3433

 79.2030, 72.8639,
9.4690

 97.7870, 63.7020,
8.0798

 116.3710, 54.5401,
6.6906

■ 135.2540, 45.2308,
5.9162

■ 153.2510, 36.3583,
5.0419

■ 171.8350, 27.1963,
3.6527

■ 190.4190, 18.0344,
2.2635

■ 208.4160, 9.1619,
1.3892

Harmonies

Analogous

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



78.9650, 86.7853, -69.2523



42.6220, 90.8984, 11.7325



73.1550, 35.9126, 101.5961

Triad

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



42.6220, 90.8984, 11.7325



57.4210, -28.3086, 73.2988



68.3560, 13.1355, -59.9482

Complementary

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



42.6220, 90.8984, 11.7325



184.3780, -90.8984, -11.7325

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.



55.7650, -27.4921, -48.9059



42.6220, 90.8984, 11.7325



64.9330, -32.0120, 0.9358

Square

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



42.6220, 90.8984, 11.7325



57.7070, -28.4496, 118.6520



53.4170, -26.3346, -46.8467



81.3060, 52.6001, -71.3054

Rectangle

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



42.6220, 90.8984, 11.7325



73.2630, 5.2933, 122.5493



53.4170, -26.3346, -46.8467



64.0070, -0.9895, -56.1341

Sweetspot

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



42.6220, 90.8984, 11.7325



193.0460, 30.5433, 3.4677



128.0160, 48.7991, -112.2700



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.



42.6220, 90.8984, 11.7325



47.9070, 102.0968, 13.2366



75.5120, 74.6836, 79.3580



105.2650, 4.7994, 0.6446



33.5620, 71.7009, 9.1541



9.7010, 20.3604, 2.8932

Inverse Universe

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



87.3670, 41.2311, 122.4581



98.1330, 46.2764, 137.5724



151.4880, -74.6836, -79.3580



107.6140, 2.1623, 6.4775



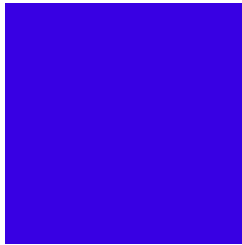
68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 42.6220, 90.8984, 11.7325 looks on a white background.

Color Contrast Check

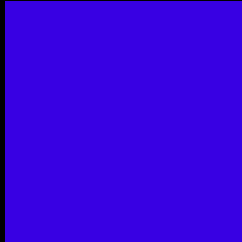
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.6220, 90.8984, 11.7325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

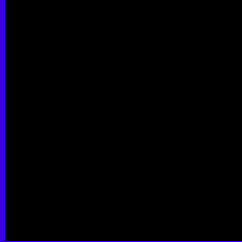
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.6220, 90.8984, 11.7325

Background



This preview shows how black text looks on a background with the YUV color 42.6220, 90.8984, 11.7325.



This preview shows how white text looks on a background with the YUV color 42.6220, 90.8984,

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

57.9620, 44.3887, -50.8327

Deuteranopia

58.2750, 32.8954, -51.1072

Tritanopia

57.2370, 13.6872, -50.1968

Trichromacy



Protanomaly

52.5730, 61.3425, -28.5665

Deuteranomaly

52.6240, 53.9224, -28.6112

Tritanomaly

52.1220, 41.8449, -28.1710

Monochromacy



Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.7410, 33.1587, 4.6121

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.6220, 90.8984, 11.7325 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(56, 0, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 0, 227) }
```

Border

The CSS property to change the border of an element to YUV 42.6220, 90.8984, 11.7325 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, 227) }
```

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

```
.border{ border-color:rgb(56, 0, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 0, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 0, 227);  
box-shadow:4px 4px 4px 4px rgb(56, 0, 227)  
}
```


Background

The CSS property to change the background color of an element to YUV 42.6220, 90.8984, 11.7325 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, 227) }
```

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

```
.background{ background-color: rgb(56, 0,  
227) }
```

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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