

Converting Colors

YUV(47.2660, 100.9339,
12.9217)

Have a look what the booklet for
YUV(47.2660, 100.9339, 12.9217)
contains.

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Color

**YUV(47.2660, 100.9339,
12.9217)**

Conversions

Conversions Part 1

Format	Color
Hex	3E00FC
RGB	62, 0, 252
RGB Percent	24%, 0%, 99%
CMY	0.7569, 1.0000, 0.0118
CMYK	0.75, 1.00, 0.00, 0.01
HSL	255°, 100%, 49%
HSV	255°, 100%, 99%
XYZ	19.5573, 8.0524, 92.6189
YIQ	47.2660, -43.9400, 91.5160

Conversions

Conversions Part 2

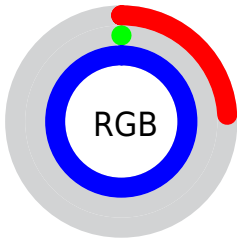
Format	Color
RYB	62, 0, 252
Decimal	4063484
CIELab	34.09, 79.27, -103.14
CIElCh	34, 130.080, 307.547
Yxy	8.0524, 0.1627, 0.0670
Android (android.graphics.Color)	4282253564 (0xFF3E00FC)
YUV	47.2660, 100.9339, 12.9217
Hunter-Lab	28.3768, 73.3630, -173.6529

Details

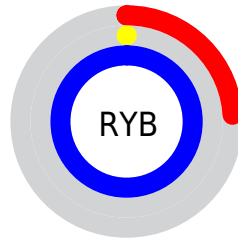
The YUV color **47.2660, 100.9339, 12.9217** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **204.7340, -100.9339, -12.9217**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6670, 69.1842, 23.0940**, and **22.0020, 84.3020, -19.2958** is the 20% darker color. If you saturate the color by 10%, you get **47.2660, 100.9339, 12.9217**, and if you desaturate by 10%, it is **67.6220, 90.8984, 11.7325**.

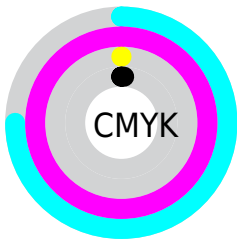
Distribution



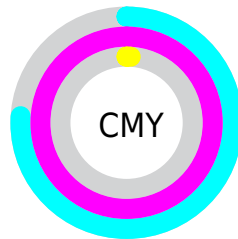
- Red (24%)
- Green (0%)
- Blue (99%)



- Red (24%)
- Yellow (0%)
- Blue (99%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)



- Cyan (76%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.2660, 100.9339, 12.9217 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 47.2660, 100.9339, 12.9217 by changing the saturation by 10% instead.

■ 47.2660, 100.9339,
12.9217

■ 47.2660, 100.9339,
12.9217

■ 255.0000, 0.0000,
0.0000

■ 25.3080, 96.9692,
-22.1951

■ 114.6670, 69.1842,
23.0940

■ 22.0020, 84.3020,
-19.2958

■ 141.2690, 56.0694,
29.5821

■ 18.8100, 72.0717,
-16.4964

■ 167.5720, 43.1020,
35.4554

■ 15.7320, 60.2781,
-13.7970

■ 193.5760, 30.2820,
40.7138

■ 19.6980, 45.0119,
-17.2751

■ 215.0840, 19.6786,
35.0063


■ 16.7340, 33.6551,
-14.6757


■ 231.5200, 11.5756,


■ 10.4760, 24.9083,


20.5920


-9.1875


 249.1300, 2.8939,
5.1480


 6.0930, 15.7302,
-5.3436


 2.4110, 6.6994,
-2.1144

 47.2660, 100.9339,
12.9217

 67.6220, 90.8984,
11.7325

 87.9780, 80.8628,
10.5433

 108.9210, 70.5379,
8.8393

 129.2770, 60.5024,
7.6501

■ 149.6330, 50.4669,
6.4609

■ 169.9890, 40.4314,
5.2716

■ 190.3450, 30.3959,
4.0824

■ 211.2880, 20.0710,
2.3784

■ 231.6440, 10.0355,
1.1892

Harmonies

Analogous

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



84.8350, 83.8913, -74.4003



47.2660, 100.9339, 12.9217



81.2580, 39.8058, 112.9067

Triad

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



47.2660, 100.9339, 12.9217



64.5530, -31.8246, 81.0760



76.0670, 14.7570, -66.7108

Complementary

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



47.2660, 100.9339, 12.9217



204.7340, -100.9339, -12.9217

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.



62.2220, -30.6754, -54.5687



47.2660, 100.9339, 12.9217



72.9070, -35.9432, 1.8356

Square

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



47.2660, 100.9339, 12.9217



64.2850, -31.6925, 132.1771



59.8740, -29.5179, -52.5095



90.1570, 58.5896, -79.0677

Rectangle

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



47.2660, 100.9339, 12.9217



81.5790, 6.1236, 136.3042



59.8740, -29.5179, -52.5095



71.2620, -1.1152, -62.4968

Sweetspot

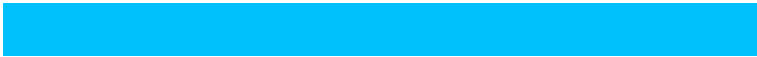
The Sweet Spot groups the original color and five complimentary colors.



47.2660, 100.9339, 12.9217



193.0460, 30.5433, 3.4677



142.0190, 54.2206, -124.5507



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.



47.2660, 100.9339, 12.9217



47.9070, 102.0968, 13.2366



84.0430, 82.8028, 88.5393



114.6780, 5.0887, 1.1594



35.3000, 75.7741, 9.3839



11.4390, 24.4336, 3.1230

Inverse Universe

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



97.0080, 45.8451, 135.9280



98.1330, 46.2764, 137.5724



167.9570, -82.8028, -88.5393



117.0270, 2.4517, 6.9923



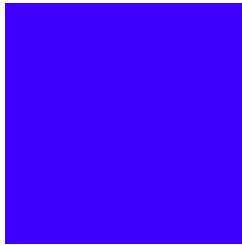
72.6990, 34.1654, 101.9960



23.4830, 11.1009, 32.9024

Previews

White Background



This preview shows how the YUV color 47.2660, 100.9339, 12.9217 looks on a white background.

Color Contrast Check

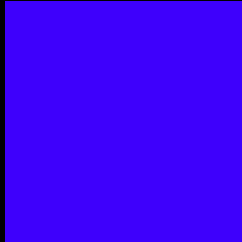
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2660, 100.9339, 12.9217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

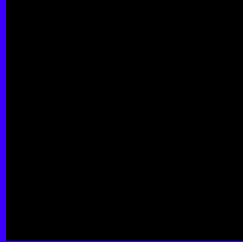
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.2660, 100.9339, 12.9217

Background



This preview shows how black text looks on a background with the YUV color 47.2660, 100.9339, 12.9217.



This preview shows how white text looks on a background with the YUV color 47.2660, 100.9339, 12.9217.

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

64.4820, 49.0624, -56.5507

Deuteranopia

64.5670, 36.6955, -56.6253

Tritanopia

63.6600, 15.4506, -55.8298

Trichromacy



Protanomaly

58.5710, 67.7525, -31.1958

Deuteranomaly

58.5080, 59.8956, -31.1405

Tritanomaly

57.6640, 46.5076, -30.4003

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0660, 36.9425, 4.3271

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.2660, 100.9339, 12.9217 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(62, 0, 252)` looks like.

```
.text, #text, p{  
    color:rgb(62, 0, 252)  
}
```

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(62, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 0, 252) }
```

Border

The CSS property to change the border of an element to YUV 47.2660, 100.9339, 12.9217 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(62, 0, 252) }
```

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

```
.border{ border-color:rgb(62, 0, 252) }
```

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

Here you see how a box with a 4 pixel rgb(62, 0, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(62, 0, 252)  
}
```


Background

The CSS property to change the background color of an element to YUV 47.2660, 100.9339, 12.9217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 0, 252) }
```

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

```
.background{ background-color: rgb(62, 0,  
252) }
```

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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