

Converting Colors

YUV(62.8570, 94.7265, 43.9754)

Have a look what the booklet for
YUV(62.8570, 94.7265, 43.9754)
contains.

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Color

**YUV(62.8570, 94.7265,
43.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	7100FF
RGB	113, 0, 255
RGB Percent	44%, 0%, 100%
CMY	0.5569, 1.0000, 0.0000
CMYK	0.56, 1.00, 0.00, 0.00
HSL	267°, 100%, 50%
HSV	267°, 100%, 100%
XYZ	24.8601, 10.7307, 95.3687
YIQ	62.8570, -14.5070, 103.2610

Conversions

Conversions Part 2

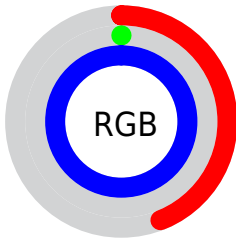
Format	Color
RYB	113, 0, 255
Decimal	7405823
CIELab	39.12, 82.16, -96.32
CIELCh	39, 126.599, 310.465
Yxy	10.7307, 0.1898, 0.0819
Android (android.graphics.Color)	4285595903 (0xFF7100FF)
YUV	62.8570, 94.7265, 43.9754
Hunter-Lab	32.7578, 78.1386, -149.6824

Details

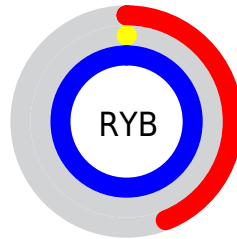
The YUV color **62.8570, 94.7265, 43.9754** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **192.1430, -94.7265, -43.9754**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.1380, 61.5570, 42.8520**, and **29.5200, 82.0746, -4.8410** is the 20% darker color. If you saturate the color by 10%, you get **62.8570, 94.7265, 43.9754**, and if you desaturate by 10%, it is **81.7180, 85.4280, 39.7123**.

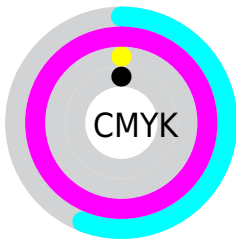
Distribution



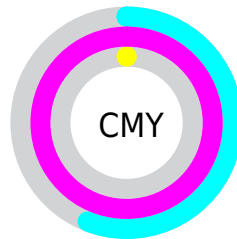
- Red (44%)
- Green (0%)
- Blue (100%)



- Red (44%)
- Yellow (0%)
- Blue (100%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8570, 94.7265, 43.9754 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 62.8570, 94.7265, 43.9754 by changing the saturation by 10% instead.

62.8570, 94.7265,
43.9754

62.8570, 94.7265,
43.9754

255.0000, 0.0000,
0.0000

48.3740, 87.0766,
24.2280

130.1380, 61.5570,
42.8520

29.5200, 82.0746,
-4.8410

156.7290, 48.4476,
47.5957

19.1520, 73.3821,
-16.7963

182.7330, 35.6276,
52.8542

16.0740, 61.5885,
-14.0969

203.3440, 25.4664,
45.3023

12.9960, 49.7950,
-11.3975

220.3670, 17.0741,
30.3731

17.0760, 34.9655,
-14.9757

237.9770, 8.3923,

11.4050, 25.9293,

14.9292

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 62.8570, 94.7265,
43.9754

■ 81.7180, 85.4280,
39.7123

■ 101.1660, 75.8402,
34.9344

■ 120.9130, 66.1049,
30.7713

■ 139.7740, 56.8064,
26.5082

■ 159.2220, 47.2186,
21.7303

■ 178.0830, 37.9201,
17.4672

■ 197.5310, 28.3322,
12.6893

■ 216.6910, 18.8863,
9.0410

■ 236.1390, 9.2985,
4.2631

Harmonies

Analogous

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



88.3570, 82.1550, -77.4891



62.8570, 94.7265, 43.9754



86.8680, 38.0261, 123.7728

Triad

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



62.8570, 94.7265, 43.9754



82.2070, -40.5281, 72.6095



87.3800, 20.0257, -76.6323

Complementary

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



62.8570, 94.7265, 43.9754



192.1430, -94.7265, -43.9754

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.



71.0270, -35.0163, -62.2907



62.8570, 94.7265, 43.9754



82.3210, -40.5843, -2.9125

Square

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



62.8570, 94.7265, 43.9754



67.2750, -33.1666, 138.3248



68.0920, -33.5694, -59.7167



100.6550, 63.2741, -88.2744

Rectangle

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



62.8570, 94.7265, 43.9754



85.9930, 4.9335, 144.7111



68.0920, -33.5694, -59.7167



82.1020, 4.8797, -72.0035

Sweetspot

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



62.8570, 94.7265, 43.9754



197.5310, 28.3322, 12.6893



114.1850, 69.4218, -100.1402



93.2240, 17.1446, 7.6966



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.



62.8570, 94.7265, 43.9754



100.2320, 76.3006, 120.8225



117.9770, 4.9413, 1.7742



47.1890, 70.8988, 33.1602



15.6680, 23.8277, 10.8152

Inverse Universe

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



92.4330, 24.4365, 142.5713



154.7680, -76.3006, -120.8225



119.6850, 1.1413, 7.2923



69.1930, 18.1459, 106.8247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 62.8570, 94.7265, 43.9754 looks on a white background.

Color Contrast Check

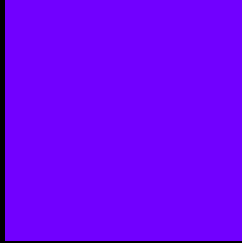
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 62.8570, 94.7265, 43.9754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

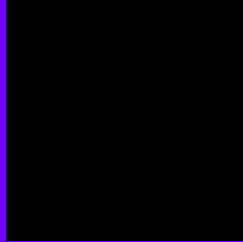
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8570, 94.7265, 43.9754

Background



This preview shows how black text looks on a background with the YUV color 62.8570, 94.7265, 43.9754.



This preview shows how white text looks on a background with the YUV color 62.8570, 94.7265,

43.9754.

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

74.3760, 56.5096, -65.2278

Deuteranopia

74.7060, 42.5429, -65.5172

Tritanopia

88.2510, 9.2433, -24.7761

Trichromacy



Protanomaly

70.0000, 70.4990, -25.4330

Deuteranomaly

70.2960, 61.4791, -25.6926

Tritanomaly

78.9560, 40.4477, 0.0386

Monochromacy



Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8610, 34.5785, 15.9079

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8570, 94.7265, 43.9754 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(113, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 0, 255)  
}
```

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(113, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 0, 255) }
```

Border

The CSS property to change the border of an element to YUV 62.8570, 94.7265, 43.9754 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(113, 0, 255) }
```

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

```
.border{ border-color:rgb(113, 0, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 0, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 0,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 62.8570, 94.7265, 43.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 0, 255) }
```

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

```
.background{ background-color: rgb(113, 0,  
255) }
```

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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