

Converting Colors

YUV(79.0520, 44.8374, -7.9386)

Have a look what the booklet for
YUV(79.0520, 44.8374, -7.9386)
contains.

YUV(79.0520, 44.8374, -7.9386)	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>	31

Color

**YUV(79.0520, 44.8374,
-7.9386)**

Conversions

Conversions Part 1

Format	Color
Hex	4642AA
RGB	70, 66, 170
RGB Percent	27%, 26%, 67%
CMY	0.7255, 0.7412, 0.3333
CMYK	0.59, 0.61, 0.00, 0.33
HSL	242°, 44%, 46%
HSV	242°, 61%, 67%
XYZ	11.7297, 8.1008, 38.9756
YIQ	79.0520, -31.0000, 33.1920

Conversions

Conversions Part 2

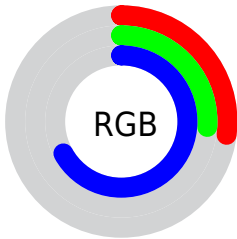
Format	Color
R_{YB}	70, 66, 170
Decimal	4604586
CIE _{Lab}	34.19, 32.59, -55.47
CIE _{LCh}	34, 64.334, 300.436
Yxy	8.1008, 0.1995, 0.1378
Android (android.graphics.Color)	4282794666 (0xFF4642AA)
YUV	79.0520, 44.8374, -7.9386
Hunter-Lab	28.4619, 23.7550, -61.2681

Details

The YUV color $79.0520, 44.8374, -7.9386$ is a dark color, and the websafe version is hex 333399 . A complement of this color would be $156.9480, -44.8374, 7.9386$, and the grayscale version is $79.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $130.6550, 47.0051, -3.2054$, and $26.8390, 44.4494, -23.5378$ is the 20% darker color. If you saturate the color by 10%, you get $64.2890, 52.1155, -9.0235$, and if you desaturate by 10%, it is $93.8150, 37.5592, -6.8538$.

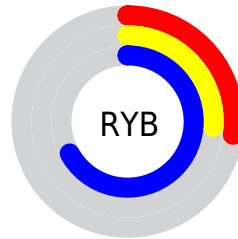
Distribution



Red (27%)

Green (26%)

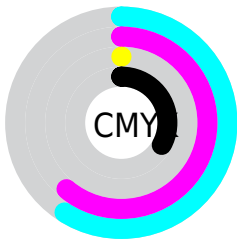
Blue (67%)



Red (27%)

Yellow (26%)

Blue (67%)

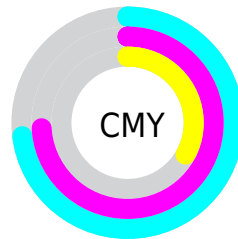


Cyan (59%)

Magenta (61%)

Yellow (0%)

Black (33%)



Cyan (73%)

Magenta (74%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.0520, 44.8374, -7.9386 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 79.0520, 44.8374, -7.9386 by changing the saturation by 10% instead.

■ 79.0520, 44.8374,
-7.9386

■ 79.0520, 44.8374,
-7.9386

■ 255.0000, 0.0000,
0.0000

■ 53.4920, 44.1274,
-13.5865

■ 130.6550, 47.0051,
-3.2054

■ 26.8390, 44.4494,
-23.5378

■ 157.8940, 47.8733,
-1.6610

■ 10.9610, 39.4592,
-9.6128

■ 181.8270, 36.0743,
2.7827

■ 8.2250, 28.9761,
-7.2133

■ 206.9340, 23.6965,
6.1969

■ 6.7770, 18.3509,
-5.9434

■ 232.3400, 11.1714,
10.2258

■ 3.0950, 9.3202,
-2.7143

■ 252.0650, 1.4470,

■ 0.0000, 0.0000,

2.5740

0.0000

■ 79.0520, 44.8374,
-7.9386

■ 79.0520, 44.8374,
-7.9386

■ 64.2890, 52.1155,
-9.0235

■ 93.8150, 37.5592,
-6.8538

■ 49.2270, 59.5411,
-10.7231

■ 108.8770, 30.1336,
-5.1541

■ 34.4640, 66.8192,
-11.8079

■ 123.6400, 22.8555,
-4.0693

■ 21.4730, 73.2238,
-12.6928

■ 138.4030, 15.5773,
-2.9844

■ 153.4650, 8.1518,
-1.2848

■ 168.2280, 0.8736,
-0.2000

■ 182.9910, -6.4046,
0.8849

■ 198.0530,
-13.8301, 2.5845

■ 212.8160,
-21.1083, 3.6694

Harmonies

Analogous

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



72.0450, 55.1938, -63.1835



79.0520, 44.8374, -7.9386



73.9310, 28.6280, 57.9425

Triad

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



79.0520, 44.8374, -7.9386



73.8350, -36.4007, 55.3957



68.4070, 5.7153, -59.9929

Complementary

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



79.0520, 44.8374, -7.9386



156.9480, -44.8374, 7.9386

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.



60.2620, -17.8772, -52.8498



79.0520, 44.8374, -7.9386



75.6750, -37.3078, 19.5790

Square

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



79.0520, 44.8374, -7.9386



60.8910, -14.2433, 88.6726



67.7580, -33.4047, -19.0818



74.2210, 27.9920, -65.0918

Rectangle

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



79.0520, 44.8374, -7.9386



59.1260, 19.6579, 88.4665



67.7580, -33.4047, -19.0818



65.7680, -1.8576, -57.6785

Sweetspot

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



79.0520, 44.8374, -7.9386



186.8590, 17.3245, -3.3843



137.1430, 16.1985, -62.3924



90.7360, 10.4832, -2.3995



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0520, 44.8374, -7.9386



80.2620, 69.8768, -12.5078



94.3010, 37.3196, 23.4150



76.9120, 3.4944, -0.7998



18.6660, 63.7617, -11.1081



2.5790, 8.5886, -1.3848

Inverse Universe

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



108.4960, 28.3495, 53.9390



126.2220, 44.2606, 83.9973



141.6990, -37.3196, -23.4150



79.3040, 2.3151, 4.1184



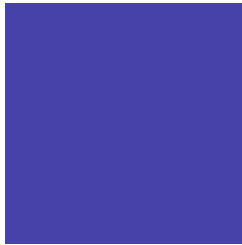
60.4400, 40.2091, 76.7901



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 79.0520, 44.8374, -7.9386 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 79.0520, 44.8374, -7.9386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

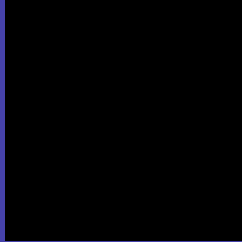
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.0520, 44.8374, -7.9386

Background



This preview shows how black text looks on a background with the YUV color 79.0520, 44.8374, -7.9386.



This preview shows how white text looks on a background with the YUV color 79.0520, 44.8374,

-7.9386.

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

79.0520, 44.8374, -7.9386

Protanopia

63.8950, 49.3518, -56.0359

Deuteranopia

64.3220, 38.2953, -56.4104



Tritanopia

72.8480, 10.4279, -31.4387

Trichromacy



Original Color

79.0520, 44.8374, -7.9386

Protanomaly

69.2500, 47.6977, -38.8073

Deuteranomaly

69.4150, 40.7144, -38.9520

Tritanomaly

74.9320, 23.2045, -22.7424

Monochromacy



Original Color

79.0520, 44.8374, -7.9386

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9300, 16.3035, -2.5696

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0520, 44.8374, -7.9386 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(70, 66, 170)` looks like.

```
.text, #text, p{  
    color:rgb(70, 66, 170)  
}
```

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(70, 66, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 66, 170) }
```

Border

The CSS property to change the border of an element to YUV 79.0520, 44.8374, -7.9386 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(70, 66, 170) }
```


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

```
.border{ border-color:rgb(70, 66, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 66, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 66, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 66, 170);  
box-shadow:4px 4px 4px 4px rgb(70, 66,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 79.0520, 44.8374, -7.9386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 66, 170) }
```

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

```
.background{ background-color: rgb(70, 66,  
170) }
```

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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