

Converting Colors

YUV(42.4170, 44.6574, 3.1423)

Have a look what the booklet for
YUV(42.4170, 44.6574, 3.1423)
contains.

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Color

**YUV(42.4170, 44.6574,
3.1423)**

Conversions

Conversions Part 1

Format	Color
Hex	2E1785
RGB	46, 23, 133
RGB Percent	18%, 9%, 52%
CMY	0.8196, 0.9098, 0.4784
CMYK	0.65, 0.83, 0.00, 0.48
HSL	253°, 71%, 31%
HSV	253°, 83%, 52%
XYZ	5.6667, 2.8871, 22.4489
YIQ	42.4170, -21.6020, 39.0860

Conversions

Conversions Part 2

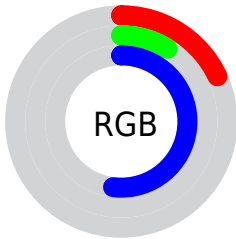
Format	Color
R_{YB}	46, 23, 133
Decimal	3020677
CIE _{Lab}	19.59, 41.94, -56.80
CIE _{LCh}	20, 70.605, 306.444
Yxy	2.8871, 0.1828, 0.0931
Android (android.graphics.Color)	4281210757 (0xFF2E1785)
YUV	42.4170, 44.6574, 3.1423
Hunter-Lab	16.9914, 29.7958, -66.4393

Details

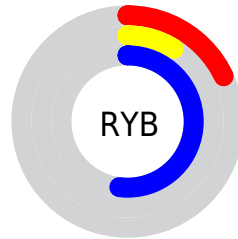
The YUV color **42.4170, 44.6574, 3.1423** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **113.5830, -44.6574, -3.1423**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.5040, 46.0935, 9.2050**, and **9.3480, 35.8174, -8.1982** is the 20% darker color. If you saturate the color by 10%, you get **31.4970, 50.0410, 3.0721**, and if you desaturate by 10%, it is **53.3370, 39.2739, 3.2125**.

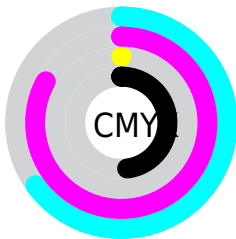
Distribution



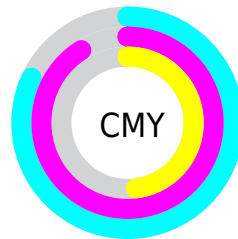
- Red (18%)
- Green (9%)
- Blue (52%)



- Red (18%)
- Yellow (9%)
- Blue (52%)



- Cyan (65%)
- Magenta (83%)
- Yellow (0%)
- Black (48%)



- Cyan (82%)
- Magenta (91%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.4170, 44.6574, 3.1423 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 42.4170, 44.6574, 3.1423 by changing the saturation by 10% instead.

■ 42.4170, 44.6574,
3.1423

■ 42.4170, 44.6574,
3.1423

■ 255.0000, 0.0000,
0.0000

■ 12.7960, 46.4426,
-9.4681

■ 93.5040, 46.0935,
9.2050

■ 9.3480, 35.8174,
-8.1982

■ 119.7430, 46.9617,
10.7494

■ 9.5470, 23.8873,
-8.3727

■ 146.9820, 47.8299,
12.2938

■ 5.1640, 14.7091,
-4.5288

■ 172.1690, 40.8357,
15.6378

■ 1.2540, 4.8048,
-1.0998

■ 196.6890, 28.7473,
19.5667

■ 0.0000, 0.0000,
0.0000

■ 221.2090, 16.6590,

23.4957

240.3250, 7.2348,
12.8700

42.4170, 44.6574,
3.1423

42.4170, 44.6574,
3.1423

31.4970, 50.0410,
3.0721

53.3370, 39.2739,
3.2125

23.5340, 53.9667,
3.9167

64.5450, 33.7483,
2.1530

75.4650, 28.3648,
2.2232

86.0860, 23.1286,
1.6786

97.5930, 17.4557,
1.2339

■ 108.2140, 12.2195,
0.6893

■ 119.1340, 6.8359,
0.7595

■ 129.7550, 1.5998,
0.2149

■ 141.2620, -4.0732,
-0.2298

Harmonies

Analogous

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



48.6670, 51.9292, -42.6810



42.4170, 44.6574, 3.1423



43.7480, 22.8022, 59.8570

Triad

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



42.4170, 44.6574, 3.1423



42.1720, -20.7908, 41.9452



44.7670, 6.5239, -39.2607

Complementary

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



42.4170, 44.6574, 3.1423



113.5830, -44.6574, -3.1423

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.



36.9810, -18.2316, -32.4323



42.4170, 44.6574, 3.1423



44.3000, -21.8399, 4.9989

Square

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



42.4170, 44.6574, 3.1423



35.5810, -17.5414, 73.1585



34.6330, -17.0741, -30.3731



51.1680, 28.5112, -44.8743

Rectangle

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



42.4170, 44.6574, 3.1423



44.3570, 5.7400, 72.4779



34.6330, -17.0741, -30.3731



42.1280, -1.0491, -36.9463

Sweetspot

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



42.4170, 44.6574, 3.1423



137.5930, 17.4557, 1.2339



87.1960, 22.5814, -56.2999



65.4590, 10.6197, 0.4745



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



42.4170, 44.6574, 3.1423



32.2580, 69.3858, 5.0357



58.5630, 36.6974, 36.3402



60.9830, 2.4734, 0.0149



22.8930, 52.8038, 3.6018



0.6410, 1.1630, 0.3148

Inverse Universe

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



65.8080, 21.7867, 58.9274



68.6330, 34.1979, 91.5299



97.4370, -36.6974, -36.3402



62.3640, 1.2995, 3.1888



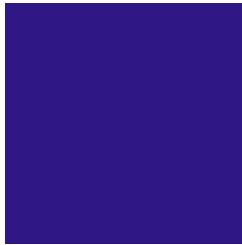
50.6120, 25.8273, 69.6233



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 42.4170, 44.6574, 3.1423 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

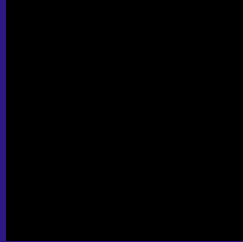
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.4170, 44.6574, 3.1423

Background



This preview shows how black text looks on a background with the YUV color 42.4170, 44.6574, 3.1423.



This preview shows how white text looks on a background with the YUV color 42.4170, 44.6574,

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

42.4170, 44.6574, 3.1423

Protanopia

38.7610, 29.2048, -33.9934

Deuteranopia

38.9260, 22.2215, -34.1381



Tritanopia

38.3100, 9.7072, -33.5979

Trichromacy



Original Color

42.4170, 44.6574, 3.1423

Protanomaly

40.0430, 34.9818, -20.2087

Deuteranomaly

40.1910, 30.4718, -20.3385

Tritanomaly

40.0140, 22.1781, -20.1833

Monochromacy



Original Color

42.4170, 44.6574, 3.1423

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.9520, 16.2927, 0.9191

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.4170, 44.6574, 3.1423 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(46, 23, 133)` looks like.

```
.text, #text, p{  
    color:rgb(46, 23, 133)  
}
```

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(46, 23, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 23, 133) }
```

Border

The CSS property to change the border of an element to YUV 42.4170, 44.6574, 3.1423 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(46, 23, 133) }
```


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

```
.border{ border-color:rgb(46, 23, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 23, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 23, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 23, 133);  
box-shadow:4px 4px 4px 4px rgb(46, 23,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 42.4170, 44.6574, 3.1423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 23, 133) }
```

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

```
.background{ background-color: rgb(46, 23,  
133) }
```

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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