

Converting Colors

YUV(46.2240, 14.1866, 69.9636)

Have a look what the booklet for
YUV(46.2240, 14.1866, 69.9636)
contains.

YUV(46.2240, 14.1866, 69.9636)	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(46.2240, 14.1866,
69.9636)**

Conversions

Conversions Part 1

Format	Color
Hex	7E004B
RGB	126, 0, 75
RGB Percent	49%, 0%, 29%
CMY	0.5059, 1.0000, 0.7059
CMYK	0.00, 1.00, 0.40, 0.51
HSL	324°, 100%, 25%
HSV	324°, 100%, 49%
XYZ	9.8742, 4.9436, 7.0904
YIQ	46.2240, 51.0210, 50.0370

Conversions

Conversions Part 2

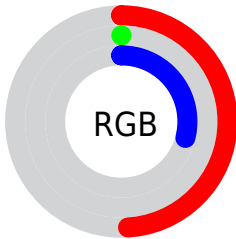
Format	Color
RYB	126, 0, 75
Decimal	8257611
CIELab	26.57, 51.54, -7.06
CIElCh	27, 52.023, 352.199
Yxy	4.9436, 0.4507, 0.2257
Android (android.graphics.Color)	4286447691 (0xFF7E004B)
YUV	46.2240, 14.1866, 69.9636
Hunter-Lab	22.2343, 40.3615, -3.3433

Details

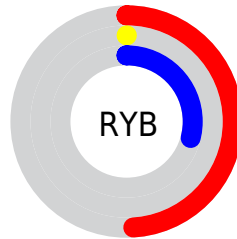
The YUV color **46.2240, 14.1866, 69.9636** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **79.7760, -14.1866, -69.9636**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3560, 7.2195, 64.5858**, and **24.7630, 3.0748, 40.5498** is the 20% darker color. If you saturate the color by 10%, you get **46.2240, 14.1866, 69.9636**, and if you desaturate by 10%, it is **54.4250, 12.6085, 62.7713**.

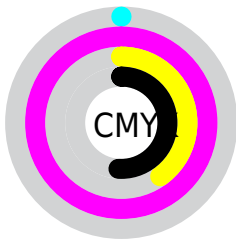
Distribution



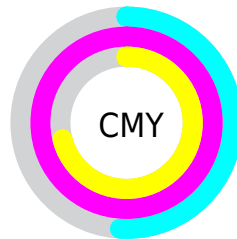
- Red (49%)
- Green (0%)
- Blue (29%)



- Red (49%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (51%)





- Cyan (51%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.2240, 14.1866, 69.9636 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 46.2240, 14.1866, 69.9636 by changing the saturation by 10% instead.

 46.2240, 14.1866,
69.9636

 46.2240, 14.1866,
69.9636


255.0000, 0.0000,
0.0000

 35.2300, 8.2676,
55.0493

 109.3560, 7.2195,
64.5858


 24.7630, 3.0748,
40.5498


 136.8400, 6.4879,
65.9153

 14.5090, -5.1809,
28.4946

 164.6230, 5.6089,
67.8596

 0.0000, 0.0000,
0.0000

 187.5510, 8.1094,
59.1528

 207.1790, 12.2368,
41.9390

 226.8240, 13.8908,

24.7104

■ 243.8470, 5.4984,
9.7812

■ 46.2240, 14.1866,
69.9636

■ 54.4250, 12.6085,
62.7713

■ 62.0390, 11.3198,
56.0938

■ 70.2400, 9.7417,
48.9015

■ 77.8540, 8.4530,
42.2240

■ 86.0550, 6.8749,
35.0318

■ 94.3700, 5.7336,
27.7395

■ 101.9840, 4.4449,
21.0620

■ 110.1850, 2.8668,
13.8698

■ 117.7990, 1.5781,
7.1923

Harmonies

Analogous

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



62.3270, 24.4888, 32.1622



46.2240, 14.1866, 69.9636



46.7840, -5.3165, 72.1034

Triad

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



46.2240, 14.1866, 69.9636



55.4530, -27.3383, -4.7823



60.1500, 32.4641, -52.7515

Complementary

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



46.2240, 14.1866, 69.9636



79.7760, -14.1866, -69.9636

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.



56.8610, 17.3235, -49.8671



46.2240, 14.1866, 69.9636



45.1820, -19.8097, -39.6246

Square

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



46.2240, 14.1866, 69.9636



60.0590, -29.6091, 23.6273



52.1870, -0.5852, -45.7680



57.9790, 41.9154, -50.8476

Rectangle

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



46.2240, 14.1866, 69.9636



54.2280, -22.2974, 58.5590



52.1870, -0.5852, -45.7680



59.5970, 27.8067, -52.2666

Sweetspot

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



46.2240, 14.1866, 69.9636



131.9570, 5.4442, 27.2247



29.3140, 47.6662, 18.1416



63.0220, 3.4402, 16.6437



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



46.2240, 14.1866, 69.9636



59.7950, 18.3421, 90.5108



39.1560, -12.8949, 76.1622



59.5490, 0.7153, 3.9035



46.9360, 14.3286, 71.0931



0.0000, 0.0000, 0.0000

Inverse Universe

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



46.2240, 14.1866, 69.9636



59.7950, 18.3421, 90.5108



86.8440, 12.8949, -76.1622



59.5490, 0.7153, 3.9035



46.9360, 14.3286, 71.0931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 46.2240, 14.1866, 69.9636 looks on a white background.

Color Contrast Check

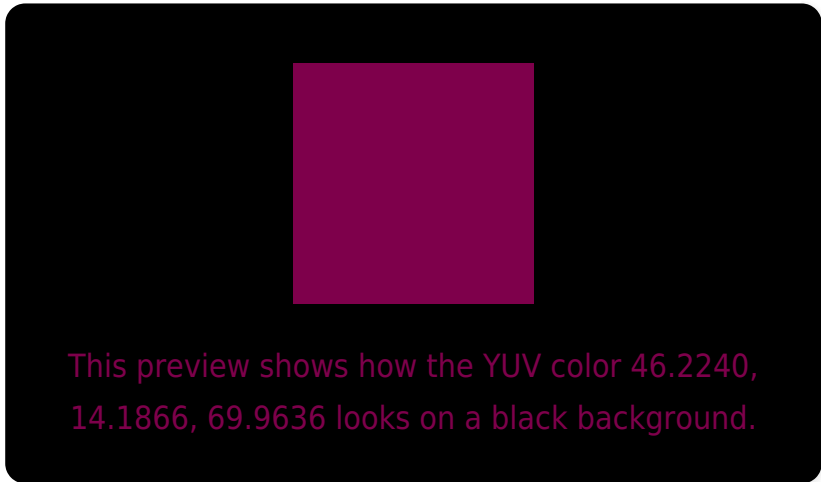
Large Text (above 18pt) WCAG AA ✓ Pass

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

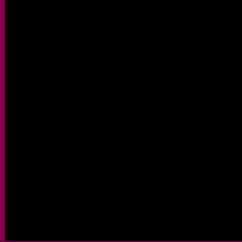
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.2240, 14.1866, 69.9636

Background



This preview shows how black text looks on a background with the YUV color 46.2240, 14.1866, 69.9636.



This preview shows how white text looks on a background with the YUV color 46.2240, 14.1866,

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

46.2240, 14.1866, 69.9636

Protanopia

65.4170, 20.9934, -13.5207

Deuteranopia

66.7770, 1.5889, 3.7036



Tritanopia

57.8070, -13.7089, 57.1743

Trichromacy



Original Color

46.2240, 14.1866, 69.9636

Protanomaly

58.3330, 18.5698, 17.2480

Deuteranomaly

59.4840, 6.1704, 27.6395

Tritanomaly

53.4730, -3.6842, 61.8522

Monochromacy



Original Color

46.2240, 14.1866, 69.9636

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9460, 5.4496, 25.4804

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.2240, 14.1866, 69.9636 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(126, 0, 75)` looks like.

```
.text, #text, p{  
    color:rgb(126, 0, 75)  
}
```

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(126, 0, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 0, 75) }
```

Border

The CSS property to change the border of an element to YUV 46.2240, 14.1866, 69.9636 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(126, 0, 75) }
```


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

```
.border{ border-color:rgb(126, 0, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 0, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 0, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 0, 75);  
box-shadow:4px 4px 4px 4px rgb(126, 0, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.2240, 14.1866, 69.9636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 0, 75) }
```

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

```
.background{ background-color: rgb(126, 0,  
75) }
```

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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