

Converting Colors

YUV(46.2590, 14.1693, 28.7139)

Have a look what the booklet for
YUV(46.2590, 14.1693, 28.7139)
contains.

YUV(46.2590, 14.1693, 28.7139)	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(46.2590, 14.1693,
28.7139)**

Conversions

Conversions Part 1

Format	Color
Hex	4F184B
RGB	79, 24, 75
RGB Percent	31%, 9%, 29%
CMY	0.6902, 0.9059, 0.7059
CMYK	0.00, 0.70, 0.05, 0.69
HSL	304°, 53%, 20%
HSV	304°, 70%, 31%
XYZ	4.8211, 2.8235, 6.9475
YIQ	46.2590, 16.4090, 27.5210

Conversions

Conversions Part 2

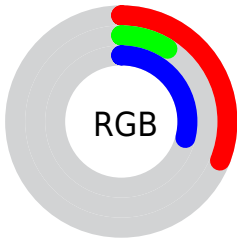
Format	Color
R_YB	79, 24, 75
Decimal	5183563
CIE Lab	19.32, 32.83, -19.02
CIE LCh	19, 37.942, 329.918
Yxy	2.8235, 0.3304, 0.1935
Android (android.graphics.Color)	4283373643 (0xFF4F184B)
YUV	46.2590, 14.1693, 28.7139
Hunter-Lab	16.8034, 21.8078, -12.7516

Details

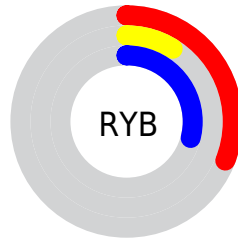
The YUV color **46.2590, 14.1693, 28.7139** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **56.7410, -14.1693, -28.7139**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2700, 14.1639, 30.4582**, and **14.2980, 8.2341, 19.0327** is the 20% darker color. If you saturate the color by 10%, you get **41.4490, 16.0476, 32.9322**, and if you desaturate by 10%, it is **51.0690, 12.2910, 24.4955**.

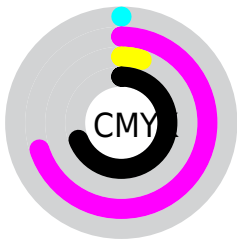
Distribution



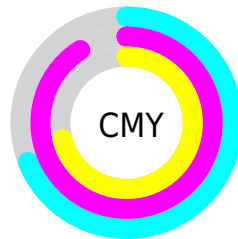
- Red (31%)
- Green (9%)
- Blue (29%)



- Red (31%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (70%)
- Yellow (5%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.2590, 14.1693, 28.7139 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 46.2590, 14.1693, 28.7139 by changing the saturation by 10% instead.

46.2590, 14.1693,
28.7139

46.2590, 14.1693,
28.7139

255.0000, 0.0000,
0.0000

22.3730, 14.6061,
28.6139

95.2700, 14.1639,
30.4582

14.2980, 8.2341,
19.0327

120.9820, 14.3059,
31.5878

0.1140, 0.4368,
-0.1000

146.8080, 14.8847,
32.6174

0.0000, 0.0000,
0.0000

174.1070, 14.7372,
33.2322

201.8190, 14.8792,
34.3617

224.4760, 15.0483,

26.7695

241.4990, 6.6560,
11.8404

46.2590, 14.1693,
28.7139

46.2590, 14.1693,
28.7139

41.4490, 16.0476,
32.9322

51.0690, 12.2910,
24.4955

36.7530, 18.3628,
37.0506

55.7650, 9.9759,
20.3771

31.9430, 20.2411,
41.2690

60.5750, 8.0975,
16.1587

65.2710, 5.7824,
12.0403

70.0810, 3.9041,
7.8220

■ 74.1900, 1.8783,
4.2184

■ 79.0000, 0.0000,
0.0000

■ 83.8100, -1.8783,
-4.2184

■ 88.5060, -4.1935,
-8.3368

Harmonies

Analogous

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



46.5800, 23.8711, -3.1397



46.2590, 14.1693, 28.7139



40.6220, 3.6374, 46.8125

Triad

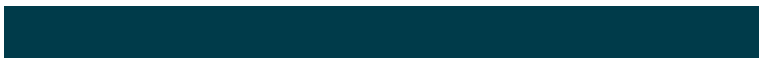
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.2590, 14.1693, 28.7139



44.6430, -22.0090, 12.5911



43.0690, 15.2490, -37.7715

Complementary

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



46.2590, 14.1693, 28.7139



56.7410, -14.1693, -28.7139

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.



39.8770, 3.0186, -34.9721



46.2590, 14.1693, 28.7139



40.9780, -20.2022, -6.9967

Square

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



46.2590, 14.1693, 28.7139



43.8780, -21.6319, 31.6790



35.3970, -9.0697, -31.0432



43.7020, 25.2899, -38.3267

Rectangle

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



46.2590, 14.1693, 28.7139



40.3310, -5.0932, 47.0677



35.3970, -9.0697, -31.0432



42.0430, 11.3178, -36.8717

Sweetspot

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



46.2590, 14.1693, 28.7139



89.4450, 5.2036, 11.0107



31.4660, 23.4343, -3.0397



43.2550, 3.3253, 6.7924



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



46.2590, 14.1693, 28.7139



50.8340, 22.2668, 44.8726



43.1810, 2.3758, 31.4133



35.6520, 1.1576, 2.0592



41.3280, 26.4603, 53.2093



93.0520, 59.1344, 120.1034

Inverse Universe

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



46.2590, 14.1693, 28.7139



50.8340, 22.2668, 44.8726



59.8190, -2.3758, -31.4133



35.6520, 1.1576, 2.0592



41.3280, 26.4603, 53.2093



93.0520, 59.1344, 120.1034

Previews

White Background



This preview shows how the YUV color 46.2590, 14.1693, 28.7139 looks on a white background.

Color Contrast Check

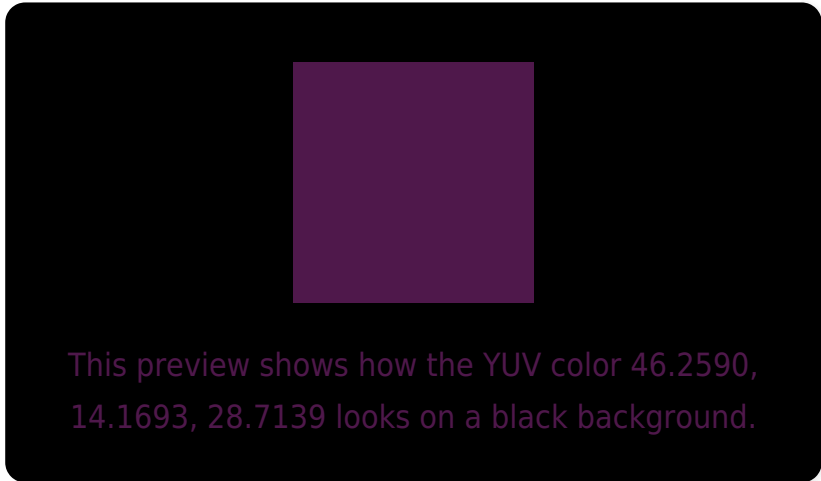
Large Text (above 18pt) WCAG AA ✓ Pass

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

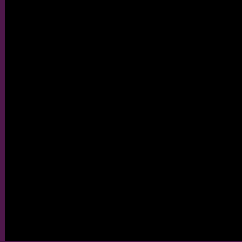
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.2590, 14.1693, 28.7139

Background



This preview shows how black text looks on a background with the YUV color 46.2590, 14.1693, 28.7139.



This preview shows how white text looks on a background with the YUV color 46.2590, 14.1693,

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

46.2590, 14.1693, 28.7139

Protanopia

43.6160, 25.8253, -23.3422

Deuteranopia

47.6320, 11.5204, -8.4473



Tritanopia

47.8890, -4.8753, 23.7763

Trichromacy



Original Color

46.2590, 14.1693, 28.7139

Protanomaly

44.8850, 21.2557, -4.2841

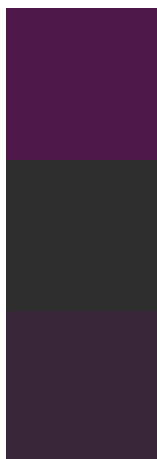
Deuteranomaly

46.9480, 12.3506, 5.3076

Tritanomaly

47.3220, 1.8133, 25.1506

Monochromacy



Original Color

46.2590, 14.1693, 28.7139

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.1460, 5.3510, 10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.2590, 14.1693, 28.7139 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(79, 24, 75)` looks like.

```
.text, #text, p{  
    color:rgb(79, 24, 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(79, 24, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 24, 75) }
```

Border

The CSS property to change the border of an element to YUV 46.2590, 14.1693, 28.7139 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(79, 24, 75) }
```


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

```
.border{ border-color:rgb(79, 24, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 24, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 24, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 24, 75);  
box-shadow:4px 4px 4px 4px rgb(79, 24, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.2590, 14.1693, 28.7139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 24, 75) }
```

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

```
.background{ background-color: rgb(79, 24,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor