

Converting Colors

YUV(46.8300, 28.1848, 13.3041)

Have a look what the booklet for
YUV(46.8300, 28.1848, 13.3041)
contains.

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Color

**YUV(46.8300, 28.1848,
13.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	3E1C68
RGB	62, 28, 104
RGB Percent	24%, 11%, 41%
CMY	0.7569, 0.8902, 0.5922
CMYK	0.40, 0.73, 0.00, 0.59
HSL	267°, 58%, 26%
HSV	267°, 73%, 41%
XYZ	4.9006, 2.8541, 13.3893
YIQ	46.8300, -4.1320, 30.8440

Conversions

Conversions Part 2

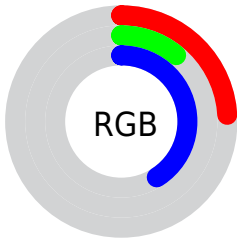
Format	Color
R _Y B	62, 28, 104
Decimal	4070504
CIE Lab	19.45, 33.30, -38.34
CIE LCh	19, 50.776, 310.975
Yxy	2.8541, 0.2318, 0.1350
Android (android.graphics.Color)	4282260584 (0xFF3E1C68)
YUV	46.8300, 28.1848, 13.3041
Hunter-Lab	16.8941, 22.2135, -35.1639

Details

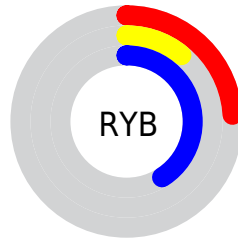
The YUV color **46.8300, 28.1848, 13.3041** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **85.1700, -28.1848, -13.3041**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.5960, 29.7792, 15.2633**, and **11.7660, 21.8074, 5.4672** is the 20% darker color. If you saturate the color by 10%, you get **39.1660, 31.9632, 14.7634**, and if you desaturate by 10%, it is **54.4940, 24.4065, 11.8448**.

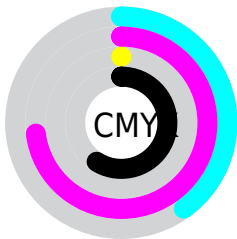
Distribution



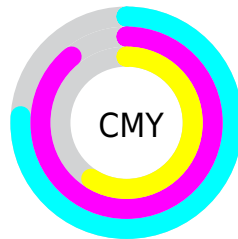
- Red (24%)
- Green (11%)
- Blue (41%)



- Red (24%)
- Yellow (11%)
- Blue (41%)



- Cyan (40%)
- Magenta (73%)
- Yellow (0%)
- Black (59%)



- Cyan (76%)
- Magenta (89%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.8300, 28.1848, 13.3041 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 46.8300, 28.1848, 13.3041 by changing the saturation by 10% instead.

■ 46.8300, 28.1848,
13.3041

■ 46.8300, 28.1848,
13.3041

■ 255.0000, 0.0000,
0.0000

■ 23.0040, 27.6060,
12.2745

■ 95.5960, 29.7792,
15.2633

■ 11.7660, 21.8074,
5.4672

■ 120.8350, 30.6473,
16.8077

■ 5.0500, 14.2723,
-4.4289

■ 147.3620, 31.3735,
17.2225

■ 0.7980, 3.0576,
-0.6998

■ 174.1880, 31.9523,
18.2521


■ 0.0000, 0.0000,
0.0000


■ 200.5320, 26.8527,
20.5814


■ 225.6390, 14.4750,


23.9956


 242.6730, 6.0772,
10.8108


 46.8300, 28.1848,
13.3041


 46.8300, 28.1848,
13.3041


 39.1660, 31.9632,
14.7634


 54.4940, 24.4065,
11.8448


 31.2140, 35.8835,
17.3523

 62.4460, 20.4861,
9.2559

 25.9090, 38.4989,
18.4968

 70.1100, 16.7078,
7.7965

 78.3610, 12.6400,
5.8224

 86.0250, 8.8617,
4.3631

■ 93.3900, 5.2307,
2.2890

■ 101.6410, 1.1630,
0.3148

■ 109.3050, -2.6154,
-1.1445

■ 117.5560, -6.6831,
-3.1186

Harmonies

Analogous

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



41.9700, 38.9618, -36.8077



46.8300, 28.1848, 13.3041



37.8090, 16.8562, 53.6645

Triad

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



46.8300, 28.1848, 13.3041



44.4540, -21.9158, 29.4198



43.2340, 8.2656, -37.9162

Complementary

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



46.8300, 28.1848, 13.3041



85.1700, -28.1848, -13.3041

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.



37.6140, -8.1907, -32.9875



46.8300, 28.1848, 13.3041



43.4030, -21.3977, 3.1546

Square

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



46.8300, 28.1848, 13.3041



34.0090, -16.7664, 57.8741



33.4590, -16.4953, -29.3435



46.7510, 24.2798, -41.0006

Rectangle

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



46.8300, 28.1848, 13.3041



37.7640, 5.0463, 61.5970



33.4590, -16.4953, -29.3435



41.1650, 2.8767, -36.1017

Sweetspot

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



46.8300, 28.1848, 13.3041



112.6060, 11.0402, 5.6075



61.9050, 20.7528, -29.7347



55.4440, 6.6831, 3.1186



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



46.8300, 28.1848, 13.3041



45.4130, 44.1664, 20.6858



57.8930, 22.7308, 36.0508



47.1680, 1.8892, 0.7297



28.3590, 42.7140, 19.8562



59.8800, 89.7852, 42.2012

Inverse Universe

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



55.5120, 7.1426, 42.5240



59.1050, 11.2872, 66.5599



74.1070, -22.7308, -36.0508



47.8370, 0.5734, 2.7740



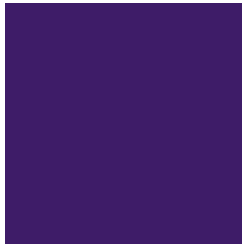
41.5670, 10.5665, 64.4007



87.6340, 22.8584, 135.3790

Previews

White Background



This preview shows how the YUV color 46.8300, 28.1848, 13.3041 looks on a white background.

Color Contrast Check

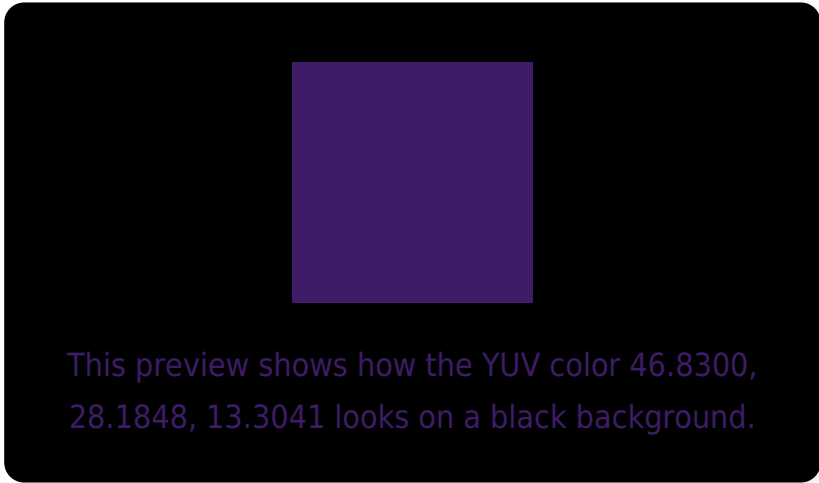
Large Text (above 18pt) WCAG AA ✓ Pass

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

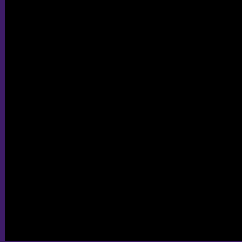
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.8300, 28.1848, 13.3041

Background



This preview shows how black text looks on a background with the YUV color 46.8300, 28.1848, 13.3041.



This preview shows how white text looks on a background with the YUV color 46.8300, 28.1848,

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

46.8300, 28.1848, 13.3041

Protanopia

38.1740, 29.4942, -33.4786

Tritanopia

48.3530, 1.3050, 1.4444

Trichromacy



Original Color

46.8300, 28.1848, 13.3041

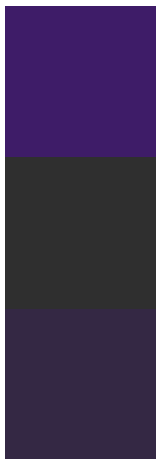
Protanomaly

41.1700, 29.0032, -15.9351

Tritanomaly

47.6060, 11.0402, 5.6075

Monochromacy



Original Color

46.8300, 28.1848, 13.3041

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.7800, 10.4615, 4.5779

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.8300, 28.1848, 13.3041 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(62, 28, 104)` looks like.

```
.text, #text, p{  
    color:rgb(62, 28, 104)  
}
```

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(62, 28, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 28, 104) }
```

Border

The CSS property to change the border of an element to YUV 46.8300, 28.1848, 13.3041 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(62, 28, 104) }
```

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

```
.border{ border-color:rgb(62, 28, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 28, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 28, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 28, 104);  
box-shadow:4px 4px 4px 4px rgb(62, 28,  
104) }
```


Background

The CSS property to change the background color of an element to YUV 46.8300, 28.1848, 13.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 28, 104) }
```

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

```
.background{ background-color: rgb(62, 28,  
104) }
```

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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