

Converting Colors

YUV(46.2180, 16.1615, -3.6992)

Have a look what the booklet for
YUV(46.2180, 16.1615, -3.6992)
contains.

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Color

**YUV(46.2180, 16.1615,
-3.6992)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2A4F
RGB	42, 42, 79
RGB Percent	16%, 16%, 31%
CMY	0.8353, 0.8353, 0.6902
CMYK	0.47, 0.47, 0.00, 0.69
HSL	240°, 31%, 24%
HSV	240°, 47%, 31%
XYZ	3.1941, 2.7127, 7.7524
YIQ	46.2180, -11.8770, 11.5070

Conversions

Conversions Part 2

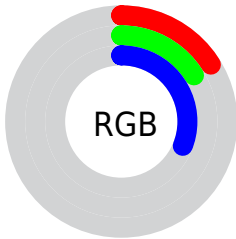
Format	Color
RYB	42, 42, 79
Decimal	2763343
CIELab	18.85, 11.12, -22.80
CIElCh	19, 25.366, 295.993
Yxy	2.7127, 0.2338, 0.1986
Android (android.graphics.Color)	4280953423 (0xFF2A2A4F)
YUV	46.2180, 16.1615, -3.6992
Hunter-Lab	16.4702, 5.7939, -16.3781

Details

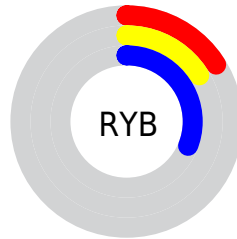
The YUV color **46.2180, 16.1615, -3.6992** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74.7820, -16.1615, 3.6992**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.5710, 17.4665, -2.2548**, and **3.9900, 15.2879, -3.4992** is the 20% darker color. If you saturate the color by 10%, you get **39.1300, 19.6559, -4.4990**, and if you desaturate by 10%, it is **53.3060, 12.6671, -2.8994**.

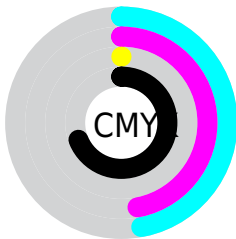
Distribution



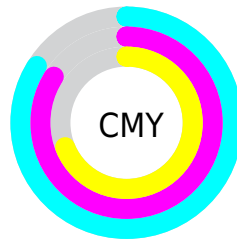
- Red (16%)
- Green (16%)
- Blue (31%)



- Red (16%)
- Yellow (16%)
- Blue (31%)



- Cyan (47%)
- Magenta (47%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.2180, 16.1615, -3.6992 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 46.2180, 16.1615, -3.6992 by changing the saturation by 10% instead.

■ 46.2180, 16.1615,
-3.6992

■ 46.2180, 16.1615,
-3.6992

■ 255.0000, 0.0000,
0.0000

■ 24.9790, 15.2934,
-5.2436

■ 92.5710, 17.4665,
-2.2548

■ 3.9900, 15.2879,
-3.4992

■ 117.7990, 18.3401,
-2.4547

■ 1.0260, 3.9312,
-0.8998

■ 143.2120, 18.6295,
-1.9399

■ 0.0000, 0.0000,
0.0000

■ 169.7390, 19.3557,
-1.5251

■ 196.8530, 19.7925,
-1.6251

■ 223.7130, 15.4245,

-0.6253

249.4070, 2.7573,
2.2741

46.2180, 16.1615,
-3.6992

46.2180, 16.1615,
-3.6992

39.1300, 19.6559,
-4.4990

53.3060, 12.6671,
-2.8994

32.0420, 23.1503,
-5.2988

60.3940, 9.1728,
-2.0995

24.9540, 26.6447,
-6.0987

67.4820, 5.6784,
-1.2997

17.8660, 30.1391,
-6.8985

74.5700, 2.1840,
-0.4999

10.7780, 33.6334,
-7.6983

81.6580, -1.3104,
0.2999

■ 9.0060, 34.5070,
-7.8983

■ 87.8600, -4.3680,
0.9998

■ 94.9480, -7.8624,
1.7996

■ 102.0360,
-11.3567, 2.5994

■ 109.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



38.2250, 22.0741, -33.5233



46.2180, 16.1615, -3.6992



47.3300, 9.6973, 16.3736

Triad

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



46.2180, 16.1615, -3.6992



44.6580, -14.6214, 23.1019



37.1870, 2.8658, -32.6130

Complementary

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



46.2180, 16.1615, -3.6992



74.7820, -16.1615, 3.6992

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.



38.3320, -7.0657, -20.4622



46.2180, 16.1615, -3.6992



43.6260, -19.5356, 12.6060

Square

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



46.2180, 16.1615, -3.6992



45.3520, -7.0755, 29.5093



42.3360, -16.4346, -2.0487



39.2390, 10.7282, -34.4126

Rectangle

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



46.2180, 16.1615, -3.6992



46.3050, 4.2866, 25.1655



42.3360, -16.4346, -2.0487



35.8020, 0.0976, -31.3984

Sweetspot

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



46.2180, 16.1615, -3.6992



89.5960, 6.1152, -1.3997



67.9370, 5.4541, -22.7467



43.0260, 3.9312, -0.8998



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.



46.2180, 16.1615, -3.6992



51.4980, 24.8975, -5.6987



51.8990, 13.3608, 7.9816



34.4560, 1.7472, -0.3999



11.6280, 44.5534, -10.1978



26.2200, 100.4635, -22.9949

Inverse Universe

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



57.2810, 10.7075, 19.0476



68.5410, 16.4953, 29.3435



69.4000, -13.5082, -7.3668



35.6520, 1.1576, 2.0592



42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 46.2180, 16.1615, -3.6992 looks on a white background.

Color Contrast Check

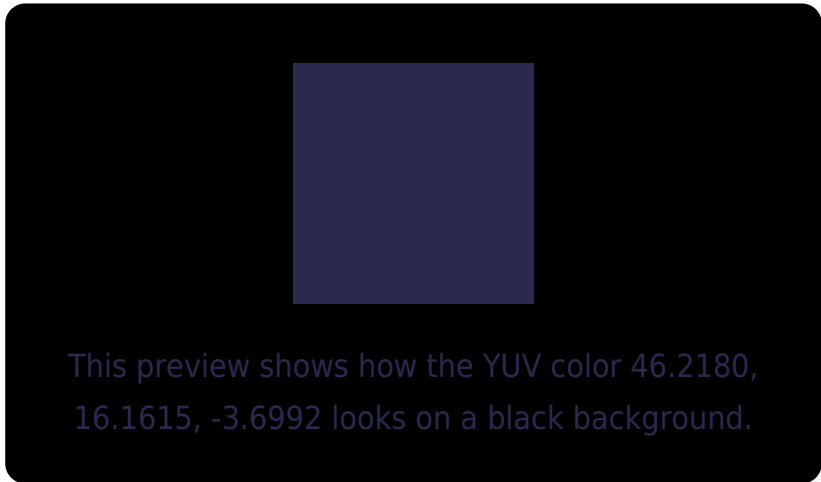
Large Text (above 18pt) WCAG AA ✓ Pass

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

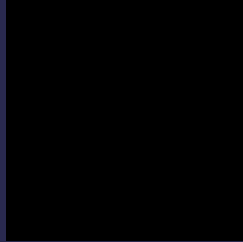
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.2180, 16.1615, -3.6992

Background



This preview shows how black text looks on a background with the YUV color 46.2180, 16.1615, -3.6992.



This preview shows how white text looks on a background with the YUV color 46.2180, 16.1615,

-3.6992.

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

46.2180, 16.1615, -3.6992

Protanopia

44.4340, 18.5200, -13.5356

Deuteranopia

42.7710, 17.3679, -17.3392



Tritanopia

44.2700, 3.8109, -9.0068

Trichromacy



Original Color

46.2180, 16.1615, -3.6992

Protanomaly

45.2280, 17.6356, -9.8470

Deuteranomaly

44.2770, 16.6254, -12.5209

Tritanomaly

45.1330, 8.3154, -7.1326

Monochromacy



Original Color

46.2180, 16.1615, -3.6992

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.4820, 5.6784, -1.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.2180, 16.1615, -3.6992 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(42, 42, 79)` looks like.

```
.text, #text, p{  
  color:rgb(42, 42, 79)  
}
```

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(42, 42, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 42, 79) }
```

Border

The CSS property to change the border of an element to YUV 46.2180, 16.1615, -3.6992 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(42, 42, 79) }
```


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

```
.border{ border-color:rgb(42, 42, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 42, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 42, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 42, 79);  
box-shadow:4px 4px 4px 4px rgb(42, 42, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.2180, 16.1615, -3.6992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 42, 79) }
```

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

```
.background{ background-color: rgb(42, 42,  
79) }
```

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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