

Converting Colors

YUV(47.2680, 26.9829,
-21.2830)

Have a look what the booklet for
YUV(47.2680, 26.9829, -21.2830)
contains.

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Color

**YUV(47.2680, 26.9829,
-21.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	173166
RGB	23, 49, 102
RGB Percent	9%, 19%, 40%
CMY	0.9098, 0.8078, 0.6000
CMYK	0.77, 0.52, 0.00, 0.60
HSL	220°, 63%, 25%
HSV	220°, 77%, 40%
XYZ	3.8499, 3.3381, 13.0118
YIQ	47.2680, -32.5090, 10.9710

Conversions

Conversions Part 2

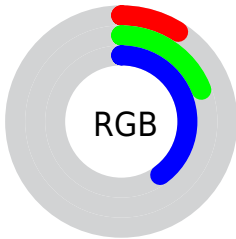
Format	Color
R _Y B	23, 43, 102
Decimal	1519974
CIE Lab	21.35, 10.72, -34.12
CIE LCh	21, 35.761, 287.450
Yxy	3.3381, 0.1906, 0.1653
Android (android.graphics.Color)	4279710054 (0xFF173166)
YUV	47.2680, 26.9829, -21.2830
Hunter-Lab	18.2704, 5.6401, -29.4356

Details

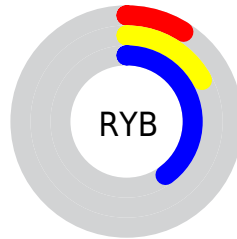
The YUV color **47.2680, 26.9829, -21.2830** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **77.7320, -26.9829, 21.2830**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.9420, 28.1296, -15.7351**, and **6.8570, 23.7345, -6.0136** is the 20% darker color. If you saturate the color by 10%, you get **40.1690, 30.4827, -23.8272**, and if you desaturate by 10%, it is **54.3670, 23.4831, -18.7389**.

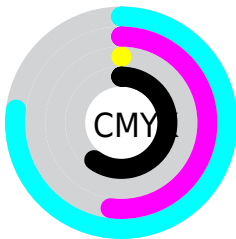
Distribution



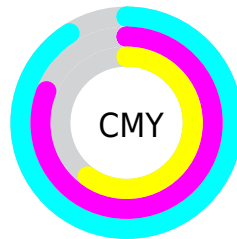
- Red (9%)
- Green (19%)
- Blue (40%)



- Red (9%)
- Yellow (17%)
- Blue (40%)



- Cyan (77%)
- Magenta (52%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (81%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.2680, 26.9829, -21.2830 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 47.2680, 26.9829, -21.2830 by changing the saturation by 10% instead.

■ 47.2680, 26.9829,
-21.2830

■ 47.2680, 26.9829,
-21.2830

■ 255.0000, 0.0000,
0.0000

■ 25.3280, 25.9673,
-22.2127

■ 96.9420, 28.1296,
-15.7351

■ 6.8570, 23.7345,
-6.0136

■ 121.8820, 29.1452,
-14.8055

■ 4.8220, 13.3988,
-4.2289

■ 148.2950, 29.4346,
-14.2907

■ 0.5700, 2.1840,
-0.4999

■ 174.9360, 30.5976,
-13.9759

■ 0.0000, 0.0000,
0.0000

■ 201.7960, 26.2296,
-12.9761

■ 226.6040, 13.9992,

-10.1767

251.7110, 1.6215,
-6.7625

47.2680, 26.9829,
-21.2830

47.2680, 26.9829,
-21.2830

40.1690, 30.4827,
-23.8272

54.3670, 23.4831,
-18.7389

33.0700, 33.9825,
-26.3714

61.4660, 19.9833,
-16.1947

31.5860, 34.7141,
-27.7009

68.8640, 16.3360,
-13.0357

75.3760, 13.1256,
-9.9768

82.4750, 9.6258,
-7.4326

■ 89.5740, 6.1260,
-4.8884

■ 96.6730, 2.6262,
-2.3442

■ 104.0710, -1.0210,
0.8147

■ 111.1700, -4.5208,
3.3589

Harmonies

Analogous

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



45.7880, 28.2055, -40.1561



47.2680, 26.9829, -21.2830



52.8660, 16.8281, 15.9035

Triad

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



47.2680, 26.9829, -21.2830



48.2360, -17.8643, 36.6270



40.8400, -0.9071, -35.8167

Complementary

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



47.2680, 26.9829, -21.2830



77.7320, -26.9829, 21.2830

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.



40.7740, -14.1856, -23.4808



47.2680, 26.9829, -21.2830



48.8290, -24.0727, 21.1980

Square

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



47.2680, 26.9829, -21.2830



47.0210, -4.9404, 44.7086



47.2350, -23.2869, 2.4249



44.5050, 10.5970, -39.0309

Rectangle

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



47.2680, 26.9829, -21.2830



50.6570, 10.5221, 31.8728



47.2350, -23.2869, 2.4249



39.8140, -4.8383, -34.9169

Sweetspot

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



47.2680, 26.9829, -21.2830



111.4040, 10.6468, -8.2473



75.4150, 0.2884, -45.9680



53.5740, 6.1260, -4.8884



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



47.2680, 26.9829, -21.2830



47.2030, 42.2979, -33.5040



35.8930, 32.5908, 0.0938



47.7440, 1.6052, -1.5295



35.4160, 39.2349, -31.0598



74.5480, 82.5538, -65.3786

Inverse Universe

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



49.5850, -0.2884, 45.9680



50.7500, -0.3698, 72.1333



89.1070, -32.5908, -0.0938



47.7230, 0.1366, 2.8739



38.7170, -0.3535, 66.9002



81.4780, -0.7287, 140.7778

Previews

White Background



This preview shows how the YUV color 47.2680, 26.9829, -21.2830 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



This preview shows how the YUV color 47.2680, 26.9829, -21.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

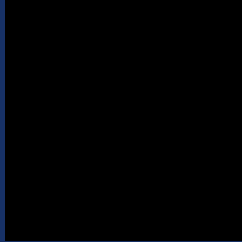
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.2680, 26.9829, -21.2830

Background



This preview shows how black text looks on a background with the YUV color 47.2680, 26.9829, -21.2830.



This preview shows how white text looks on a background with the YUV color 47.2680, 26.9829,

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

47.2680, 26.9829, -21.2830

Protanopia

45.8760, 28.1621, -26.2013

Deuteranopia

41.4850, 24.4109, -36.3823



Tritanopia

40.4130, 10.1494, -35.4422

Trichromacy



Original Color

47.2680, 26.9829, -21.2830

Protanomaly

46.7730, 27.7199, -24.3569

Deuteranomaly

43.7460, 25.2682, -31.3492

Tritanomaly

42.7540, 16.3903, -30.4793

Monochromacy



Original Color

47.2680, 26.9829, -21.2830

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1760, 9.7732, -8.0474

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.2680, 26.9829, -21.2830 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(23, 49, 102)` looks like.

```
.text, #text, p{  
    color:rgb(23, 49, 102)  
}
```

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(23, 49, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 49, 102) }
```

Border

The CSS property to change the border of an element to YUV 47.2680, 26.9829, -21.2830 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(23, 49, 102) }
```


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

```
.border{ border-color:rgb(23, 49, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 49, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 49, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 49, 102);  
box-shadow:4px 4px 4px 4px rgb(23, 49,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 47.2680, 26.9829, -21.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 49, 102) }
```

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

```
.background{ background-color: rgb(23, 49,  
102) }
```

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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