

Converting Colors

YUV(60.2680, 26.9829,
-21.2830)

Have a look what the booklet for
YUV(60.2680, 26.9829, -21.2830)
contains.

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Color

**YUV(60.2680, 26.9829,
-21.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	243E73
RGB	36, 62, 115
RGB Percent	14%, 24%, 45%
CMY	0.8588, 0.7569, 0.5490
CMYK	0.69, 0.46, 0.00, 0.55
HSL	220°, 52%, 30%
HSV	220°, 69%, 45%
XYZ	5.5447, 5.0581, 16.9037
YIQ	60.2680, -32.5090, 10.9710

Conversions

Conversions Part 2

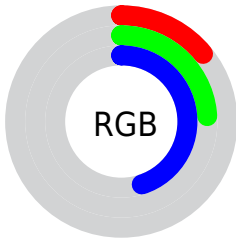
Format	Color
R_{YB}	36, 56, 115
Decimal	2375283
CIE Lab	26.90, 9.00, -33.53
CIE LCh	27, 34.714, 285.034
Yxy	5.0581, 0.2016, 0.1839
Android (android.graphics.Color)	4280565363 (0xFF243E73)
YUV	60.2680, 26.9829, -21.2830
Hunter-Lab	22.4903, 4.6489, -28.8193




Details

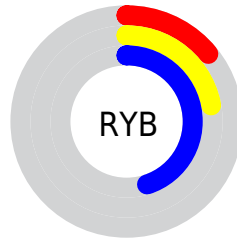
The YUV color **60.2680, 26.9829, -21.2830** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **90.7320, -26.9829, 21.2830**, and the grayscale version is **60.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **109.9310, 28.1350, -17.4795**, and **19.8510, 22.7515, -17.4093** is the 20% darker color. If you saturate the color by 10%, you get **51.9840, 31.0669, -24.5420**, and if you desaturate by 10%, it is **68.2530, 23.0463, -18.6389**.

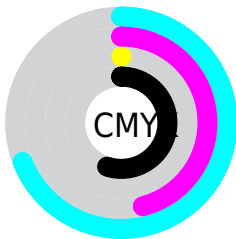
Distribution







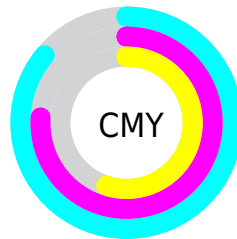
-  Red (14%)
-  Green (24%)
-  Blue (45%)






-  Red (14%)
-  Yellow (22%)
-  Blue (45%)



-  Cyan (69%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (86%)
-  Magenta (76%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.2680, 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 60.2680, 26.9829, -21.2830 by changing the saturation by 10% instead.

■ 60.2680, 26.9829,
-21.2830

■ 60.2680, 26.9829,
-21.2830

■ 255.0000, 0.0000,
0.0000

■ 33.7400, 27.7362,
-29.5900

■ 109.9310, 28.1350,
-17.4795

■ 19.8510, 22.7515,
-17.4093

■ 135.8710, 29.1506,
-16.5499

■ 6.7770, 18.3509,
-5.9434

■ 162.3980, 29.8768,
-16.1350

■ 3.0950, 9.3202,
-2.7143

■ 189.6260, 30.7504,
-16.3350

■ 0.0000, 0.0000,
0.0000

■ 214.7760, 19.8304,
-13.8356

■ 239.8830, 7.4527,

-10.4214

■ 60.2680, 26.9829,
-21.2830

■ 60.2680, 26.9829,
-21.2830

■ 51.9840, 31.0669,
-24.5420

■ 68.2530, 23.0463,
-18.6389

■ 44.5860, 34.7141,
-27.7009

■ 75.9500, 19.2516,
-14.8652

■ 36.3020, 38.7981,
-30.9599

■ 84.2340, 15.1676,
-11.6062

■ 35.4160, 39.2349,
-31.0598

■ 92.2190, 11.2310,
-8.9621

■ 100.5030, 7.1470,
-5.7031

■ 107.9010, 3.4998,
-2.5442

■ 116.1850, -0.5842,
0.7148

■ 124.1700, -4.5208,
3.3589

■ 131.5680, -8.1680,
6.5179

Harmonies

Analogous

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



54.2000, 29.9744, -47.5334



60.2680, 26.9829, -21.2830



65.9690, 17.2703, 14.0592

Triad

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



60.2680, 26.9829, -21.2830



62.0620, -17.2856, 37.6566



49.6110, -0.3012, -43.5088

Complementary

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



60.2680, 26.9829, -21.2830



90.7320, -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.



55.0520, -15.8016, -18.4626



60.2680, 26.9829, -21.2830



60.5690, -26.4095, 24.0570

Square

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



60.2680, 26.9829, -21.2830



61.3090, -5.0823, 43.5790



58.4480, -26.3499, 4.8691



53.3900, 11.6397, -46.8230

Rectangle

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



60.2680, 26.9829, -21.2830



64.6460, 10.5275, 30.1285



58.4480, -26.3499, 4.8691



48.5850, -4.2324, -42.6090

Sweetspot

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



60.2680, 26.9829, -21.2830



128.4040, 10.6468, -8.2473



88.4150, 0.2884, -45.9680



63.3890, 6.7102, -5.6032



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



60.2680, 26.9829, -21.2830



65.0890, 41.8611, -33.4041



48.8930, 32.5908, 0.0938



54.8580, 2.0420, -1.6295



37.3880, 41.7137, -32.7893



76.6340, 85.4694, -67.2080

Inverse Universe

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



62.5850, -0.2884, 45.9680



68.4510, -0.2223, 71.5185



102.1070, -32.5908, -0.0938



55.0220, -0.0108, 3.4887



41.0380, -0.5117, 71.0037



84.0980, -1.0343, 145.4961

Previews

White Background



This preview shows how the YUV color 60.2680, 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 60.2680, 26.9829, -21.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

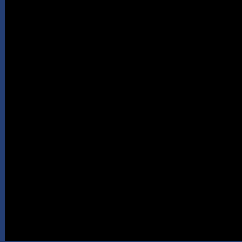
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.2680, 26.9829, -21.2830

Background



This preview shows how black text looks on a background with the YUV color 60.2680, 26.9829, -21.2830.



This preview shows how white text looks on a background with the YUV color 60.2680, 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

60.2680, 26.9829, -21.2830

Protanopia

60.8660, 26.6881, -20.0535

Deuteranopia

53.8420, 29.6579, -39.3264



Tritanopia

50.3410, 12.6499, -44.1491

Trichromacy



Original Color

60.2680, 26.9829, -21.2830

Protanomaly

60.5670, 26.8355, -20.6683

Deuteranomaly

56.2450, 28.4732, -32.6639

Tritanomaly

54.0630, 17.7169, -36.0123

Monochromacy



Original Color

60.2680, 26.9829, -21.2830

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.1760, 9.7732, -8.0474

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.2680, 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(36, 62, 115)` looks like.

```
.text, #text, p{  
    color:rgb(36, 62, 115)  
}
```

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(36, 62, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 62, 115) }
```

Border

The CSS property to change the border of an element to YUV 60.2680, 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(36, 62, 115) }
```


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

```
.border{ border-color:rgb(36, 62, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 62, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 62, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 62, 115);  
box-shadow:4px 4px 4px 4px rgb(36, 62,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 60.2680, 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(36, 62, 115) }
```

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

```
.background{ background-color: rgb(36, 62,  
115) }
```

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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