

Converting Colors

YUV(83.8310, 29.6633,
-41.0708)

Have a look what the booklet for
YUV(83.8310, 29.6633, -41.0708)
contains.

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Color

**YUV(83.8310, 29.6633,
-41.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	256090
RGB	37, 96, 144
RGB Percent	15%, 38%, 56%
CMY	0.8549, 0.6235, 0.4353
CMYK	0.74, 0.33, 0.00, 0.44
HSL	207°, 59%, 35%
HSV	207°, 74%, 56%
XYZ	9.9799, 10.7727, 27.9389
YIQ	83.8310, -50.5720, 2.4200

Conversions

Conversions Part 2

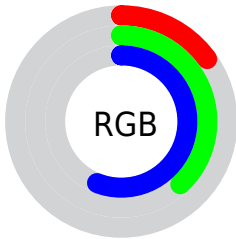
Format	Color
RYB	37, 75, 144
Decimal	2449552
CIELab	39.19, -2.03, -31.93
CIELCh	39, 31.991, 266.371
Yxy	10.7727, 0.2050, 0.2212
Android (android.graphics.Color)	4280639632 (0xFF256090)
YUV	83.8310, 29.6633, -41.0708
Hunter-Lab	32.8218, -3.1629, -27.4943

Details

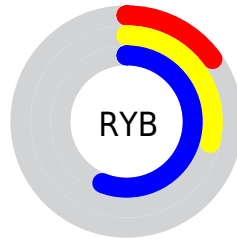
The YUV color **83.8310, 29.6633, -41.0708** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **97.1690, -29.6633, 41.0708**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2770, 29.9364, -35.3229**, and **39.9520, 26.1527, -35.0379** is the 20% darker color. If you saturate the color by 10%, you get **76.1230, 33.4634, -46.5889**, and if you desaturate by 10%, it is **91.5390, 25.8633, -35.5527**.

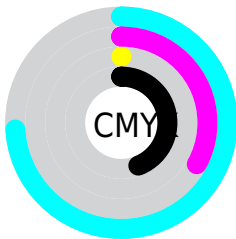
Distribution



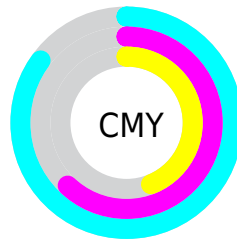
- Red (15%)
- Green (38%)
- Blue (56%)



- Red (15%)
- Yellow (29%)
- Blue (56%)



- Cyan (74%)
- Magenta (33%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (62%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8310, 29.6633, -41.0708 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 83.8310, 29.6633, -41.0708 by changing the saturation by 10% instead.

■ 83.8310, 29.6633,
-41.0708

■ 83.8310, 29.6633,
-41.0708

■ 255.0000, 0.0000,
0.0000

■ 55.7160, 30.7060,
-48.8629

■ 137.2770, 29.9364,
-35.3229

■ 39.9520, 26.1527,
-35.0379

■ 164.3910, 30.3732,
-35.4229

■ 25.4760, 21.4573,
-22.3425

■ 191.9180, 31.0994,
-35.0081

■ 7.7060, 19.3719,
-6.7582

■ 217.0250, 18.7217,
-31.5939

■ 3.4370, 10.6306,
-3.0142

■ 241.5450, 6.6333,
-27.6650

■ 0.0000, 0.0000,
0.0000

■ 250.2160, 2.3585,

-9.8364

■ 83.8310, 29.6633,
-41.0708

■ 83.8310, 29.6633,
-41.0708

■ 76.1230, 33.4634,
-46.5889

■ 91.5390, 25.8633,
-35.5527

■ 67.5290, 37.7002,
-52.2069

■ 100.1330, 21.6264,
-29.9346

■ 62.7890, 40.0370,
-55.0660

■ 107.8410, 17.8264,
-24.4166

■ 116.4350, 13.5895,
-18.7985

■ 124.1430, 9.7895,
-13.2804

■ 132.4380, 5.7001,
-8.2771

■ 140.4450, 1.7526,
-2.1443

■ 148.7400, -2.3368,
2.8590

■ 156.7470, -6.2843,
8.9919

Harmonies

Analogous

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



75.2640, 29.4498, -66.0065



83.8310, 29.6633, -41.0708



93.5260, 22.4187, -3.9693

Triad

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



83.8310, 29.6633, -41.0708



92.5170, -10.6079, 42.5196



83.3760, -10.5384, -26.6398

Complementary

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



83.8310, 29.6633, -41.0708



97.1690, -29.6633, 41.0708

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.



87.9570, -21.6708, -2.5933



83.8310, 29.6633, -41.0708



91.5300, -20.4743, 33.7382

Square

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



83.8310, 29.6633, -41.0708



94.2960, 1.3331, 39.2054



90.4650, -25.3722, 18.0092



71.6670, 8.0522, -62.8520

Rectangle

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



83.8310, 29.6633, -41.0708



95.0400, 16.2493, 14.8739



90.4650, -25.3722, 18.0092



84.6930, -14.6386, -18.1478

Sweetspot

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



83.8310, 29.6633, -41.0708



163.1750, 11.2527, -15.9395



105.0530, -10.8721, -59.6825



80.3670, 6.7211, -9.0919



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



83.8310, 29.6633, -41.0708



92.9280, 45.8845, -63.9579



53.3070, 44.7116, -14.3012



67.1460, 1.9000, -2.7590



59.4150, 37.2634, -52.1070



3.2600, 2.3368, -2.8590

Inverse Universe

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



75.7190, 9.9985, 59.8824



80.1220, 15.7159, 92.8550



127.6930, -44.7116, 14.3012



66.5490, 0.7153, 3.9035



48.9150, 12.8599, 75.4965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 83.8310, 29.6633, -41.0708 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 × Fail

Black Background



This preview shows how the YUV color 83.8310, 29.6633, -41.0708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

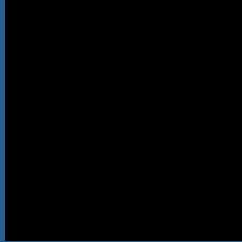
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.8310, 29.6633, -41.0708

Background



This preview shows how black text looks on a background with the YUV color 83.8310, 29.6633, -41.0708.

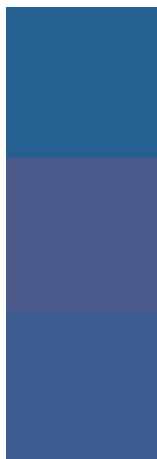


This preview shows how white text looks on a background with the YUV color 83.8310, 29.6633,

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

83.8310, 29.6633, -41.0708

Protanopia

91.1010, 23.6142, -14.1206

Deuteranopia

89.3710, 27.4251, -23.1274



Tritanopia

72.4140, 18.5299, -63.5071

Trichromacy



Original Color

83.8310, 29.6633, -41.0708

Protanomaly

88.3170, 25.9727, -23.9570

Deuteranomaly

87.2670, 28.4624, -29.1752

Tritanomaly

76.4950, 22.4340, -55.6851

Monochromacy



Original Color

83.8310, 29.6633, -41.0708

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7730, 10.9579, -14.7099

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8310, 29.6633, -41.0708 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(37, 96, 144)` looks like.

```
.text, #text, p{  
    color:rgb(37, 96, 144)  
}
```

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(37, 96, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 96, 144) }
```

Border

The CSS property to change the border of an element to YUV 83.8310, 29.6633, -41.0708 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(37, 96, 144) }
```


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

```
.border{ border-color:rgb(37, 96, 144) }
```

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

Here you see how a box with a 4 pixel rgb(37, 96, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 96, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 96, 144);  
box-shadow:4px 4px 4px 4px rgb(37, 96,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 83.8310, 29.6633, -41.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 96, 144) }
```

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

```
.background{ background-color: rgb(37, 96,  
144) }
```

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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