

Converting Colors

YUV(59.2680, 30.4339, -8.1280)

Have a look what the booklet for
YUV(59.2680, 30.4339, -8.1280)
contains.

YUV(59.2680, 30.4339, -8.1280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(59.2680, 30.4339,
-8.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	323479
RGB	50, 52, 121
RGB Percent	20%, 20%, 47%
CMY	0.8039, 0.7961, 0.5255
CMYK	0.59, 0.57, 0.00, 0.53
HSL	238°, 42%, 34%
HSV	238°, 59%, 47%
XYZ	5.9946, 4.5146, 18.6446
YIQ	59.2680, -23.3410, 21.0350

Conversions

Conversions Part 2

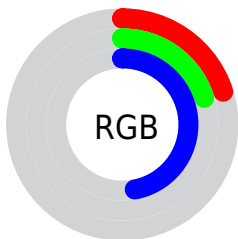
Format	Color
RYB	50, 52, 121
Decimal	3290233
CIELab	25.30, 20.99, -39.85
CIELCh	25, 45.037, 297.779
Yxy	4.5146, 0.2056, 0.1549
Android (android.graphics.Color)	4281480313 (0xFF323479)
YUV	59.2680, 30.4339, -8.1280
Hunter-Lab	21.2475, 13.1772, -37.1535

Details

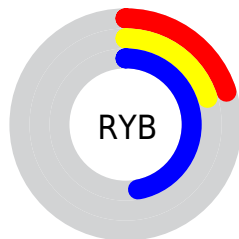
The YUV color **59.2680, 30.4339, -8.1280** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **111.7320, -30.4339, 8.1280**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.1590, 32.4596, -4.5244**, and **14.0780, 28.5555, -12.3464** is the 20% darker color. If you saturate the color by 10%, you get **48.6360, 35.6755, -9.3278**, and if you desaturate by 10%, it is **69.9000, 25.1923, -6.9283**.

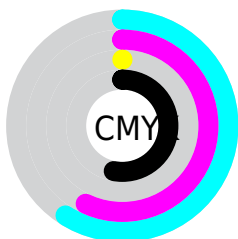
Distribution



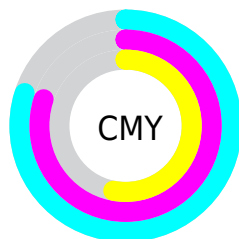
- Red (20%)
- Green (20%)
- Blue (47%)



- Red (20%)
- Yellow (20%)
- Blue (47%)



- Cyan (59%)
- Magenta (57%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (80%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2680, 30.4339, -8.1280 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 59.2680, 30.4339, -8.1280 by changing the saturation by 10% instead.

■ 59.2680, 30.4339,
-8.1280

■ 59.2680, 30.4339,
-8.1280

■ 255.0000, 0.0000,
0.0000

■ 35.1210, 30.0133,
-13.2611

■ 108.1590, 32.4596,
-4.5244

■ 14.0780, 28.5555,
-12.3464

■ 134.0990, 33.4752,
-3.5948

■ 7.2330, 20.0981,
-6.3433

■ 160.6260, 34.2014,
-3.1800

■ 3.6650, 11.5042,
-3.2142

■ 187.6970, 33.1804,
-2.3653

■ 0.0000, 0.0000,
0.0000

■ 211.9180, 21.2394,
0.9489

■ 237.0250, 8.8617,

4.3631

■ 59.2680, 30.4339,
-8.1280

■ 59.2680, 30.4339,
-8.1280

■ 48.6360, 35.6755,
-9.3278

■ 69.9000, 25.1923,
-6.9283

■ 38.0040, 40.9170,
-10.5275

■ 80.5320, 19.9507,
-5.7286

■ 27.9590, 45.8692,
-12.2420

■ 90.5770, 14.9985,
-4.0140

■ 17.3270, 51.1108,
-13.4418

■ 101.2090, 9.7570,
-2.8143

■ 15.5550, 51.9844,
-13.6417

■ 111.8410, 4.5154,
-1.6146

■ 122.7720, -0.8736,
0.2000

■ 132.8170, -5.8258,
1.9145

■ 143.4490,
-11.0674, 3.1142

■ 154.0810,
-16.3089, 4.3140

Harmonies

Analogous

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



52.8610, 37.5365, -46.3591



59.2680, 30.4339, -8.1280



59.4320, 18.5210, 32.9471

Triad

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



59.2680, 30.4339, -8.1280



55.7390, -27.4793, 40.5709



49.8220, 3.0458, -43.6939

Complementary

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



59.2680, 30.4339, -8.1280



111.7320, -30.4339, 8.1280

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.



44.5440, -12.1002, -39.0651



59.2680, 30.4339, -8.1280



57.0690, -28.1350, 17.4795

Square

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



59.2680, 30.4339, -8.1280



52.6050, -10.6513, 56.4744



52.4850, -25.8751, -7.4413



54.3990, 18.0443, -47.7079

Rectangle

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



59.2680, 30.4339, -8.1280



54.0770, 10.3150, 51.6755



52.4850, -25.8751, -7.4413



48.4540, -2.1958, -42.4942

Sweetspot

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



59.2680, 30.4339, -8.1280



133.1920, 12.2303, -2.7994



99.5430, 9.5923, -43.4492



63.9380, 7.4256, -1.6996



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



59.2680, 30.4339, -8.1280



62.0020, 47.3270, -13.1568



67.9610, 26.1482, 13.1892



55.6840, 2.6208, -0.5999



16.5980, 53.4422, -14.5564



32.8370, 108.0474, -28.7980

Inverse Universe

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



71.4570, -9.5923, 43.4492



80.6450, -14.6150, 67.8403



103.0390, -26.1482, -13.1892



56.7940, -0.8844, 3.6887



37.8310, -16.6787, 76.4472



76.1460, -34.0890, 154.2240

Previews

White Background



This preview shows how the YUV color 59.2680, 30.4339, -8.1280 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 59.2680, 30.4339, -8.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

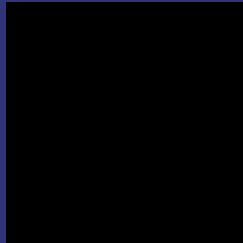
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2680, 30.4339, -8.1280

Background



This preview shows how black text looks on a background with the YUV color 59.2680, 30.4339, -8.1280.



This preview shows how white text looks on a background with the YUV color 59.2680, 30.4339, -8.1280.

-8.1280.

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

59.2680, 30.4339, -8.1280

Protanopia

48.0680, 36.9415, -42.1556

Deuteranopia

48.0050, 29.0845, -42.1004



Tritanopia

54.6210, 8.0748, -23.3466

Trichromacy



Original Color

59.2680, 30.4339, -8.1280

Protanomaly

52.1620, 34.4301, -29.9601

Deuteranomaly

52.1960, 29.4834, -29.9899

Tritanomaly

56.1300, 16.2049, -17.6540

Monochromacy



Original Color

59.2680, 30.4339, -8.1280

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9640, 11.3567, -2.5994

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2680, 30.4339, -8.1280 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(50, 52, 121)` looks like.

```
.text, #text, p{  
    color:rgb(50, 52, 121)  
}
```

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(50, 52, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 52, 121) }
```

Border

The CSS property to change the border of an element to YUV 59.2680, 30.4339, -8.1280 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(50, 52, 121) }
```


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

```
.border{ border-color:rgb(50, 52, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 52, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 52, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 52, 121);  
box-shadow:4px 4px 4px 4px rgb(50, 52,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 59.2680, 30.4339, -8.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 52, 121) }
```

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

```
.background{ background-color: rgb(50, 52,  
121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor