

Converting Colors

YUV(59.7300, 33.1641, 2.8678)

Have a look what the booklet for
YUV(59.7300, 33.1641, 2.8678)
contains.

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Color

**YUV(59.7300, 33.1641,
2.8678)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2D7F
RGB	63, 45, 127
RGB Percent	25%, 18%, 50%
CMY	0.7529, 0.8235, 0.5020
CMYK	0.50, 0.65, 0.00, 0.50
HSL	253°, 48%, 34%
HSV	253°, 65%, 50%
XYZ	6.8191, 4.4658, 20.5813
YIQ	59.7300, -15.5940, 29.3180

Conversions

Conversions Part 2

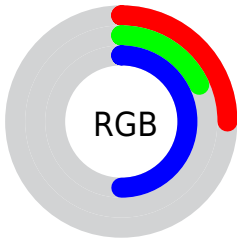
Format	Color
RYB	63, 45, 127
Decimal	4140415
CIELab	25.16, 30.37, -43.82
CIELCh	25, 53.317, 304.721
Yxy	4.4658, 0.2140, 0.1401
Android (android.graphics.Color)	4282330495 (0xFF3F2D7F)
YUV	59.7300, 33.1641, 2.8678
Hunter-Lab	21.1325, 20.6165, -42.9506

Details

The YUV color **59.7300, 33.1641, 2.8678** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **112.2700, -33.1641, -2.8678**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3220, 35.3373, 5.8566**, and **9.6640, 33.1966, -7.5983** is the 20% darker color. If you saturate the color by 10%, you get **49.1090, 38.4003, 3.4124**, and if you desaturate by 10%, it is **70.3510, 27.9280, 2.3232**.

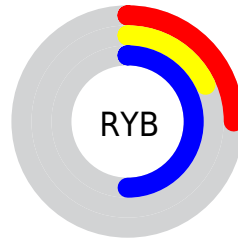
Distribution



Red (25%)

Green (18%)

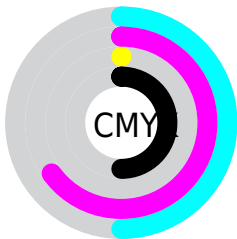
Blue (50%)



Red (25%)

Yellow (18%)

Blue (50%)

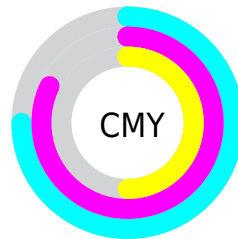


Cyan (50%)

Magenta (65%)

Yellow (0%)

Black (50%)



Cyan (75%)

Magenta (82%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7300, 33.1641, 2.8678 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 59.7300, 33.1641, 2.8678 by changing the saturation by 10% instead.

■ 59.7300, 33.1641,
2.8678

■ 59.7300, 33.1641,
2.8678

■ 255.0000, 0.0000,
0.0000

■ 35.7790, 32.1540,
0.1938

■ 109.3220, 35.3373,
5.8566

■ 9.6640, 33.1966,
-7.5983

■ 135.1480, 35.9160,
6.8862

■ 6.0420, 23.1503,
-5.2988

■ 161.5010, 37.2210,
8.3306

■ 4.7080, 12.9620,
-4.1289

■ 187.7740, 33.1424,
9.8452

■ 0.2280, 0.8736,
-0.2000

■ 212.8810, 20.7647,
13.2594

■ 0.0000, 0.0000,
0.0000

■ 237.3900, 8.6817,

15.4440

253.8260, 0.5788,
1.0296

■ 59.7300, 33.1641,
2.8678

■ 59.7300, 33.1641,
2.8678

■ 49.1090, 38.4003,
3.4124

■ 70.3510, 27.9280,
2.3232

■ 39.0750, 43.3470,
3.4422

■ 80.3850, 22.9812,
2.2934

■ 28.4540, 48.5832,
3.9868

■ 91.0060, 17.7450,
1.7487

■ 22.8500, 51.3460,
4.5165

■ 101.6270, 12.5089,
1.2041

■ 112.2480, 7.2727,
0.6595

■ 121.9830, 2.4734,
0.0149

■ 132.6040, -2.7628,
-0.5297

■ 143.2250, -7.9989,
-1.0743

■ 153.2590,
-12.9457, -1.1041

Harmonies

Analogous

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



53.0550, 43.3569, -46.5292



59.7300, 33.1641, 2.8678



51.0630, 21.6609, 52.5647

Triad

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



59.7300, 33.1641, 2.8678



56.0270, -27.6213, 39.4413



52.0220, 6.3982, -45.6233

Complementary

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



59.7300, 33.1641, 2.8678



112.2700, -33.1641, -2.8678

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.



45.9460, -11.8054, -40.2946



59.7300, 33.1641, 2.8678



55.8510, -27.5345, 11.5317

Square

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



59.7300, 33.1641, 2.8678



46.5200, -15.0464, 66.1960



47.9780, -23.6532, -20.1517



56.5820, 23.8701, -49.6224

Rectangle

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



59.7300, 33.1641, 2.8678



45.2410, 11.7132, 69.9486



47.9780, -23.6532, -20.1517



49.8390, 0.5724, -43.7088

Sweetspot

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



59.7300, 33.1641, 2.8678



139.7410, 12.9457, 1.1041



91.9160, 17.2964, -41.1453



68.3620, 7.7095, 0.5595



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



59.7300, 33.1641, 2.8678



60.9640, 51.7827, 4.4166



71.9890, 27.1204, 28.0736



58.3960, 2.7628, 0.5297



22.9640, 51.7827, 4.4166



0.0000, 0.0000, 0.0000

Inverse Universe

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



76.8140, 15.8677, 44.0131



87.6720, 24.8117, 68.6937



100.0110, -27.1204, -28.0736



59.6630, 1.1521, 3.8035



49.6720, 24.8117, 68.6937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 59.7300, 33.1641, 2.8678 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 59.7300, 33.1641, 2.8678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

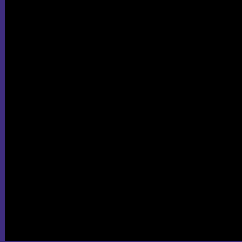
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7300, 33.1641, 2.8678

Background



This preview shows how black text looks on a background with the YUV color 59.7300, 33.1641, 2.8678.



This preview shows how white text looks on a background with the YUV color 59.7300, 33.1641,

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

59.7300, 33.1641, 2.8678

Protanopia

47.9540, 36.5047, -42.0557

Deuteranopia

47.8910, 28.6477, -42.0004



Tritanopia

58.1880, 4.8373, -11.5659

Trichromacy



Original Color

59.7300, 33.1641, 2.8678

Protanomaly

52.1240, 35.4349, -25.5417

Deuteranomaly

52.1580, 30.4881, -25.5716

Tritanomaly

58.5660, 15.0040, -5.7584

Monochromacy



Original Color

59.7300, 33.1641, 2.8678

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.1000, 11.7827, 0.7893

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7300, 33.1641, 2.8678 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(63, 45, 127)` looks like.

```
.text, #text, p{  
    color:rgb(63, 45, 127)  
}
```

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(63, 45, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 45, 127) }
```

Border

The CSS property to change the border of an element to YUV 59.7300, 33.1641, 2.8678 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(63, 45, 127) }
```


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

```
.border{ border-color:rgb(63, 45, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 45, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 45, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 45, 127);  
box-shadow:4px 4px 4px 4px rgb(63, 45,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 59.7300, 33.1641, 2.8678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 45, 127) }
```

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

```
.background{ background-color: rgb(63, 45,  
127) }
```

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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