

Converting Colors

YUV(58.2900, 30.4230, -4.6393)

Have a look what the booklet for
YUV(58.2900, 30.4230, -4.6393)
contains.

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Color

**YUV(58.2900, 30.4230,
-4.6393)**

Conversions

Conversions Part 1

Format	Color
Hex	353178
RGB	53, 49, 120
RGB Percent	21%, 19%, 47%
CMY	0.7922, 0.8078, 0.5294
CMYK	0.56, 0.59, 0.00, 0.53
HSL	243°, 42%, 33%
HSV	243°, 59%, 47%
XYZ	5.9567, 4.3096, 18.2872
YIQ	58.2900, -20.4070, 22.9290

Conversions

Conversions Part 2

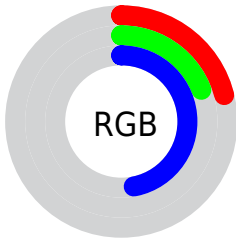
Format	Color
R_{YB}	53, 49, 120
Decimal	3486072
CIE _{Lab}	24.67, 23.31, -40.23
CIE _{LCh}	25, 46.490, 300.087
Yxy	4.3096, 0.2086, 0.1509
Android (android.graphics.Color)	4281676152 (0xFF353178)
YUV	58.2900, 30.4230, -4.6393
Hunter-Lab	20.7595, 14.8891, -37.6972

Details

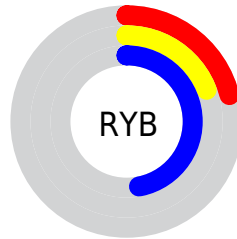
The YUV color **58.2900, 30.4230, -4.6393** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **110.7100, -30.4230, 4.6393**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1810, 32.4488, -1.0357**, and **11.6160, 29.2763, -10.1872** is the 20% darker color. If you saturate the color by 10%, you get **47.9570, 35.5172, -5.2243**, and if you desaturate by 10%, it is **68.6230, 25.3289, -4.0544**.

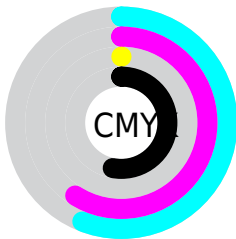
Distribution



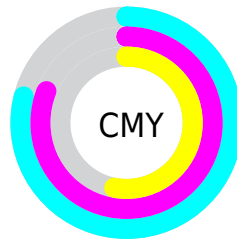
- Red (21%)
- Green (19%)
- Blue (47%)



- Red (21%)
- Yellow (19%)
- Blue (47%)



- Cyan (56%)
- Magenta (59%)
- Yellow (0%)
- Black (53%)



- Cyan (79%)
- Magenta (81%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.2900, 30.4230, -4.6393 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 58.2900, 30.4230, -4.6393 by changing the saturation by 10% instead.

■ 58.2900, 30.4230,
-4.6393

■ 58.2900, 30.4230,
-4.6393

■ 255.0000, 0.0000,
0.0000

■ 34.7410, 29.7077,
-8.5429

■ 107.1810, 32.4488,
-1.0357

■ 11.6160, 29.2763,
-10.1872

■ 132.8220, 33.6118,
-0.7209

■ 7.1190, 19.6613,
-6.2434

■ 159.6480, 34.1905,
0.3087

■ 3.5510, 11.0674,
-3.1142

■ 186.8330, 33.6063,
1.0235

■ 0.0000, 0.0000,
0.0000

■ 211.0540, 21.6654,
4.3376

■ 236.1610, 9.2876,

7.7518

■ 58.2900, 30.4230,
-4.6393

■ 58.2900, 30.4230,
-4.6393

■ 47.9570, 35.5172,
-5.2243

■ 68.6230, 25.3289,
-4.0544

■ 37.3250, 40.7588,
-6.4240

■ 79.2550, 20.0873,
-2.8546

■ 26.9920, 45.8529,
-7.0090

■ 89.5880, 14.9931,
-2.2697

■ 16.6590, 50.9471,
-7.5939

■ 99.9210, 9.8989,
-1.6847

■ 15.7730, 51.3839,
-7.6939

■ 110.5530, 4.6574,
-0.4850

■ 120.8860, -0.4368,
0.1000

■ 131.2190, -5.5310,
0.6849

■ 141.8510,
-10.7725, 1.8847

■ 152.1840,
-15.8667, 2.4696

Harmonies

Analogous

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



51.8010, 38.5521, -45.4295



58.2900, 30.4230, -4.6393



56.7530, 18.3628, 37.0506

Triad

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



58.2900, 30.4230, -4.6393



54.2550, -26.7477, 39.2414



49.4630, 4.2087, -43.3791

Complementary

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



58.2900, 30.4230, -4.6393



110.7100, -30.4230, 4.6393

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.



43.9570, -11.8108, -38.5503



58.2900, 30.4230, -4.6393



55.2860, -27.2560, 15.5352

Square

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



58.2900, 30.4230, -4.6393



49.9750, -11.8197, 57.9039



50.1040, -24.7013, -10.6152



53.4530, 19.4967, -46.8783

Rectangle

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



58.2900, 30.4230, -4.6393



49.9250, 10.8830, 56.1938



50.1040, -24.7013, -10.6152



47.9810, -1.4696, -42.0793

Sweetspot

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



58.2900, 30.4230, -4.6393



131.4910, 12.0829, -2.1846



96.4230, 11.6235, -41.5900



64.2370, 7.2782, -1.0848



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.



58.2900, 30.4230, -4.6393



59.4480, 47.6001, -7.4089



68.7550, 25.2638, 16.8779



55.6840, 2.6208, -0.5999



16.3430, 53.5679, -8.1938



32.9140, 108.0094, -16.5876

Inverse Universe

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



77.8670, 18.7996, 36.9506



90.0450, 29.0648, 57.8425



100.2450, -25.2638, -16.8779



57.4780, 1.7363, 3.0888



50.8270, 33.1163, 65.0497



102.4800, 66.8114, 131.1290

Previews

White Background



This preview shows how the YUV color 58.2900, 30.4230, -4.6393 looks on a white background.

Color Contrast Check

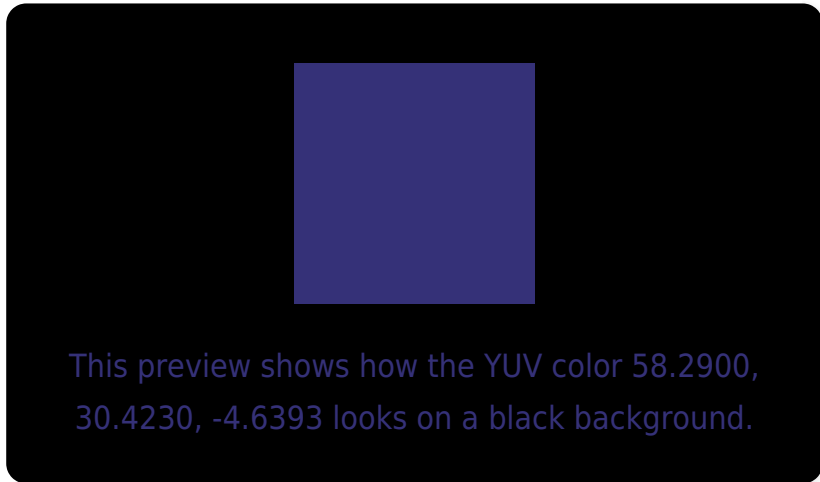
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

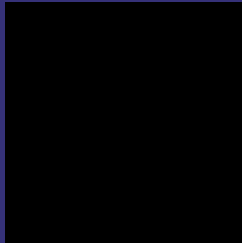
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.2900, 30.4230, -4.6393

Background



This preview shows how black text looks on a background with the YUV color 58.2900, 30.4230, -4.6393.



This preview shows how white text looks on a background with the YUV color 58.2900, 30.4230,

-4.6393.

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

58.2900, 30.4230, -4.6393

Protanopia

47.1390, 35.9205, -41.3409

Deuteranopia

47.0760, 28.0635, -41.2857



Tritanopia

54.8990, 6.4588, -18.3284

Trichromacy



Original Color

58.2900, 30.4230, -4.6393

Protanomaly

51.0590, 33.9879, -28.1157

Deuteranomaly

51.0930, 29.0412, -28.1456

Tritanomaly

56.2230, 15.1731, -13.3506

Monochromacy



Original Color

58.2900, 30.4230, -4.6393

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.2630, 11.2093, -1.9847

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.2900, 30.4230, -4.6393 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(53, 49, 120)` looks like.

```
.text, #text, p{  
    color:rgb(53, 49, 120)  
}
```

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(53, 49, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 49, 120) }
```

Border

The CSS property to change the border of an element to YUV 58.2900, 30.4230, -4.6393 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(53, 49, 120) }
```


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

```
.border{ border-color:rgb(53, 49, 120) }
```

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

Here you see how a box with a 4 pixel rgb(53, 49, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 49, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 49, 120);  
box-shadow:4px 4px 4px 4px rgb(53, 49,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 58.2900, 30.4230, -4.6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 49, 120) }
```

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

```
.background{ background-color: rgb(53, 49,  
120) }
```

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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