

Converting Colors

YUV(59.3900, 21.9927, -7.3580)

Have a look what the booklet for
YUV(59.3900, 21.9927, -7.3580)
contains.

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Color

**YUV(59.3900, 21.9927,
-7.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	333768
RGB	51, 55, 104
RGB Percent	20%, 22%, 41%
CMY	0.8000, 0.7843, 0.5922
CMYK	0.51, 0.47, 0.00, 0.59
HSL	235°, 34%, 30%
HSV	235°, 51%, 41%
XYZ	5.2301, 4.4357, 13.6772
YIQ	59.3900, -18.1130, 14.3910

Conversions

Conversions Part 2

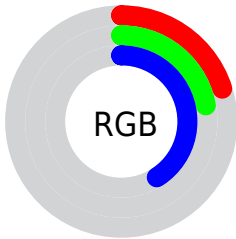
Format	Color
R_{YB}	51, 55, 104
Decimal	3356520
CIE _{Lab}	25.06, 13.19, -29.37
CIE _{LCh}	25, 32.191, 294.180
Yxy	4.4357, 0.2241, 0.1900
Android (android.graphics.Color)	4281546600 (0xFF333768)
YUV	59.3900, 21.9927, -7.3580
Hunter-Lab	21.0610, 7.4705, -23.7608

Details

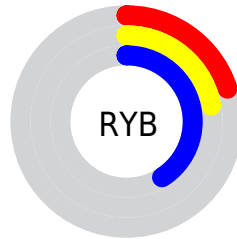
The YUV color **59.3900, 21.9927, -7.3580** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **95.6100, -21.9927, 7.3580**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8570, 23.7345, -6.0136**, and **13.4280, 20.9880, -11.7764** is the 20% darker color. If you saturate the color by 10%, you get **50.5300, 26.3607, -8.3578**, and if you desaturate by 10%, it is **68.2500, 17.6247, -6.3582**.

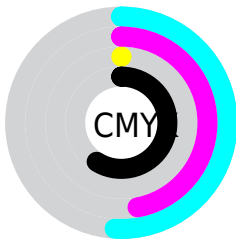
Distribution



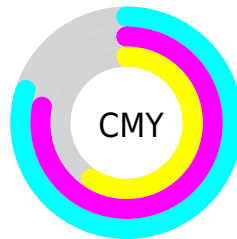
- Red (20%)
- Green (22%)
- Blue (41%)



- Red (20%)
- Yellow (22%)
- Blue (41%)



- Cyan (51%)
- Magenta (47%)
- Yellow (0%)
- Black (59%)



- Cyan (80%)
- Magenta (78%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.3900, 21.9927, -7.3580 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 59.3900, 21.9927, -7.3580 by changing the saturation by 10% instead.

■ 59.3900, 21.9927,
-7.3580

■ 59.3900, 21.9927,
-7.3580

■ 255.0000, 0.0000,
0.0000

■ 36.8520, 21.2720,
-9.5172

■ 107.8570, 23.7345,
-6.0136

■ 13.4280, 20.9880,
-11.7764

■ 133.3840, 24.4607,
-5.5988

■ 5.0500, 14.2723,
-4.4289

■ 159.2100, 25.0395,
-4.5692

■ 1.0260, 3.9312,
-0.8998

■ 186.4380, 25.9131,
-4.7691

■ 0.0000, 0.0000,
0.0000

■ 213.0700, 20.6715,
-3.5694

■ 238.1770, 8.2937,

-0.1552

■ 59.3900, 21.9927,
-7.3580

■ 59.3900, 21.9927,
-7.3580

■ 50.5300, 26.3607,
-8.3578

■ 68.2500, 17.6247,
-6.3582

■ 41.9580, 30.5867,
-10.4872

■ 76.8220, 13.3988,
-4.2289

■ 33.0980, 34.9547,
-11.4869

■ 85.6820, 9.0308,
-3.2291

■ 24.5260, 39.1807,
-13.6163

■ 94.2540, 4.8048,
-1.0998

■ 16.5520, 43.1119,
-14.5161

■ 103.1140, 0.4368,
-0.1000

■ 111.9740, -3.9312,
0.8998

■ 120.5460, -8.1572,
3.0292

■ 129.4060,
-12.5252, 4.0289

■ 138.5650,
-17.0405, 5.6435

Harmonies

Analogous

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



49.8800, 28.6532, -43.7448



59.3900, 21.9927, -7.3580



60.9760, 13.3228, 20.1920

Triad

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



59.3900, 21.9927, -7.3580



57.9750, -18.7217, 31.5939



47.8330, 3.0403, -41.9495

Complementary

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



59.3900, 21.9927, -7.3580



95.6100, -21.9927, 7.3580

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.



49.7890, -10.2490, -26.1250



59.3900, 21.9927, -7.3580



56.8670, -25.0774, 16.7796

Square

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



59.3900, 21.9927, -7.3580



57.7770, -8.2711, 39.6606



54.5550, -21.9656, -1.3637



50.6830, 13.9603, -44.4490

Rectangle

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



59.3900, 21.9927, -7.3580



59.6310, 6.5909, 32.7726



54.5550, -21.9656, -1.3637



46.2200, -0.6015, -40.5349

Sweetspot

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



59.3900, 21.9927, -7.3580



117.8670, 8.4466, -2.5144



87.6970, 6.0654, -32.1833



58.0690, 5.3890, -1.8145



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



59.3900, 21.9927, -7.3580



65.8700, 34.0811, -11.2870



63.6200, 19.9073, 8.2263



46.5700, 2.1840, -0.4999



18.3930, 47.6273, -16.1307



38.1540, 100.4961, -33.4611

Inverse Universe

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



67.3030, -6.0654, 32.1833



78.2020, -9.4666, 49.8118



91.3800, -19.9073, -8.2263



47.4950, -0.7370, 3.0739



35.4110, -13.0206, 69.7996



74.4100, -27.8101, 146.9764

Previews

White Background



This preview shows how the YUV color 59.3900, 21.9927, -7.3580 looks on a white background.

Color Contrast Check

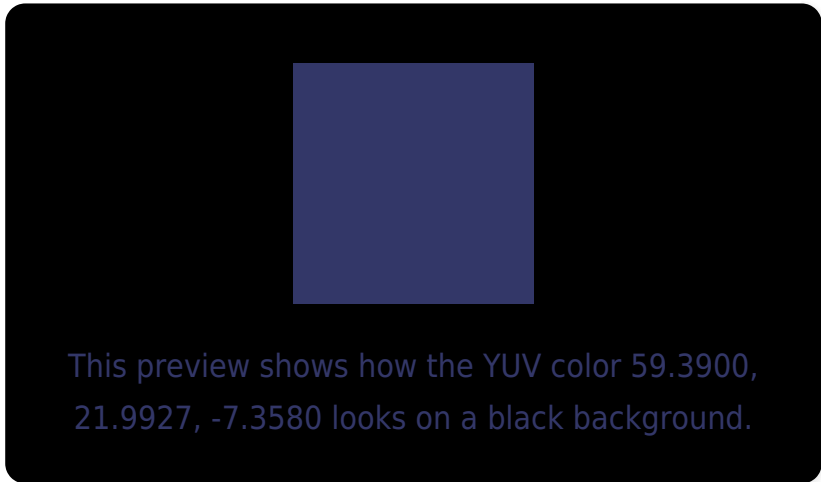
Large Text (above 18pt) WCAG AA ✓ Pass

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

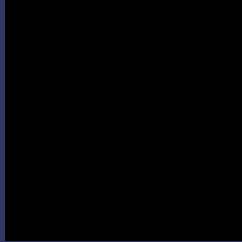
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.3900, 21.9927, -7.3580

Background



This preview shows how black text looks on a background with the YUV color 59.3900, 21.9927, -7.3580.



This preview shows how white text looks on a background with the YUV color 59.3900, 21.9927,

-7.3580.

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

59.3900, 21.9927, -7.3580

Protanopia

57.0080, 24.6461, -18.4240

Deuteranopia

54.7360, 23.7942, -25.2015



Tritanopia

56.6930, 5.5744, -14.6398

Trichromacy



Original Color

59.3900, 21.9927, -7.3580

Protanomaly

57.8020, 23.7616, -14.7354

Deuteranomaly

56.2530, 23.0463, -18.6389

Tritanomaly

57.6100, 11.5313, -11.9360

Monochromacy



Original Color

59.3900, 21.9927, -7.3580

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.3400, 7.7204, -2.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.3900, 21.9927, -7.3580 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(51, 55, 104)` looks like.

```
.text, #text, p{  
    color:rgb(51, 55, 104)  
}
```

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(51, 55, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 55, 104) }
```

Border

The CSS property to change the border of an element to YUV 59.3900, 21.9927, -7.3580 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(51, 55, 104) }
```


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

```
.border{ border-color:rgb(51, 55, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 55, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 55, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 55, 104);  
box-shadow:4px 4px 4px 4px rgb(51, 55,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 59.3900, 21.9927, -7.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 55, 104) }
```

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

```
.background{ background-color: rgb(51, 55,  
104) }
```

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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