

Converting Colors

YUV(66.3900, 21.9927, -7.3580)

Have a look what the booklet for
YUV(66.3900, 21.9927, -7.3580)
contains.

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Color

**YUV(66.3900, 21.9927,
-7.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	3A3E6F
RGB	58, 62, 111
RGB Percent	23%, 24%, 44%
CMY	0.7725, 0.7569, 0.5647
CMYK	0.48, 0.44, 0.00, 0.56
HSL	235°, 31%, 33%
HSV	235°, 48%, 44%
XYZ	6.3368, 5.4925, 15.7651
YIQ	66.3900, -18.1130, 14.3910

Conversions

Conversions Part 2

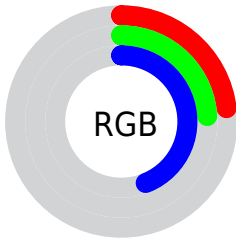
Format	Color
R_{YB}	58, 62, 111
Decimal	3817071
CIE _{Lab}	28.09, 12.68, -29.00
CIE _{LCh}	28, 31.649, 293.624
Yxy	5.4925, 0.2296, 0.1990
Android (android.graphics.Color)	4282007151 (0xFF3A3E6F)
YUV	66.3900, 21.9927, -7.3580
Hunter-Lab	23.4361, 7.2509, -23.4783

Details

The YUV color **66.3900, 21.9927, -7.3580** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **102.6100, -21.9927, 7.3580**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8570, 23.7345, -6.0136**, and **20.4170, 20.9934, -13.5207** is the 20% darker color. If you saturate the color by 10%, you get **57.2310, 26.5081, -8.9726**, and if you desaturate by 10%, it is **75.5490, 17.4773, -5.7435**.

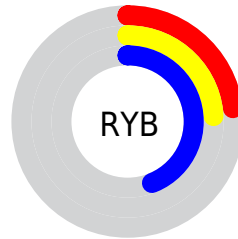
Distribution



Red (23%)

Green (24%)

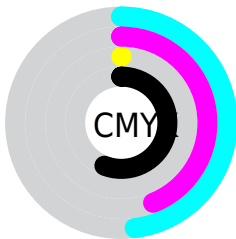
Blue (44%)



Red (23%)

Yellow (24%)

Blue (44%)

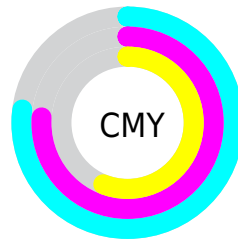


Cyan (48%)

Magenta (44%)

Yellow (0%)

Black (56%)



Cyan (77%)

Magenta (76%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.3900, 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 66.3900, 21.9927, -7.3580 by changing the saturation by 10% instead.

■ 66.3900, 21.9927,
-7.3580

■ 66.3900, 21.9927,
-7.3580

■ 255.0000, 0.0000,
0.0000

■ 43.1510, 21.1246,
-8.9024

■ 114.8570, 23.7345,
-6.0136

■ 20.4170, 20.9934,
-13.5207

■ 140.9710, 24.1713,
-6.1136

■ 4.6740, 17.9087,
-4.0991

■ 167.4980, 24.8975,
-5.6987

■ 2.6390, 7.5730,
-2.3144

■ 195.0250, 25.6237,
-5.2839

■ 0.0000, 0.0000,
0.0000

■ 220.7450, 16.8877,
-3.2844

■ 245.8520, 4.5100,

0.1298

■ 66.3900, 21.9927,
-7.3580

■ 66.3900, 21.9927,
-7.3580

■ 57.2310, 26.5081,
-8.9726

■ 75.5490, 17.4773,
-5.7435

■ 47.4850, 31.3129,
-10.0723

■ 85.2950, 12.6726,
-4.6437

■ 38.3260, 35.8283,
-11.6869

■ 94.4540, 8.1572,
-3.0292

■ 29.1670, 40.3437,
-13.3015

■ 103.6130, 3.6418,
-1.4146

■ 19.7090, 45.0065,
-15.5308

■ 113.0710, -1.0210,
0.8147

■ 17.3500, 46.1695,
-15.2160

■ 122.8170, -5.8258,
1.9145

■ 131.9760,
-10.3412, 3.5290

■ 141.1350,
-14.8566, 5.1436

■ 150.2940,
-19.3719, 6.7582

Harmonies

Analogous

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



54.7870, 29.6850, -48.0482



66.3900, 21.9927, -7.3580



68.5630, 13.0334, 19.6772

Triad

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



66.3900, 21.9927, -7.3580



64.9750, -18.7217, 31.5939



52.6260, 3.6354, -46.1530

Complementary

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



66.3900, 21.9927, -7.3580



102.6100, -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.



57.0990, -10.4018, -23.7658



66.3900, 21.9927, -7.3580



63.8070, -24.0619, 17.7093

Square

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



66.3900, 21.9927, -7.3580



65.3640, -8.5605, 39.1458



61.9680, -21.6762, -0.8489



55.4760, 14.5553, -48.6525

Rectangle

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



66.3900, 21.9927, -7.3580



67.3320, 6.7383, 32.1578



61.9680, -21.6762, -0.8489



51.1270, 0.4304, -44.8384

Sweetspot

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



66.3900, 21.9927, -7.3580



128.4540, 8.1572, -3.0292



94.6970, 6.0654, -32.1833



63.0690, 5.3890, -1.8145



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



66.3900, 21.9927, -7.3580



75.8700, 34.0811, -11.2870



70.6200, 19.9073, 8.2263



51.2710, 2.3314, -1.1147



18.9630, 49.8112, -16.6306



39.3110, 102.3907, -34.4757

Inverse Universe

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



74.3030, -6.0654, 32.1833



88.2020, -9.4666, 49.8118



98.3800, -19.9073, -8.2263



51.9080, -0.4476, 3.5887



36.9060, -13.7577, 72.8734



76.0190, -28.1104, 149.9503

Previews

White Background



This preview shows how the YUV color 66.3900, 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



This preview shows how the YUV color 66.3900, 21.9927, -7.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

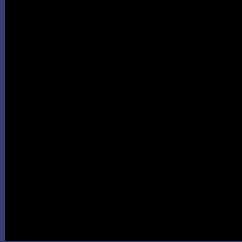
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.3900, 21.9927, -7.3580

Background



This preview shows how black text looks on a background with the YUV color 66.3900, 21.9927, -7.3580.



This preview shows how white text looks on a background with the YUV color 66.3900, 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

66.3900, 21.9927, -7.3580

Protanopia

64.6060, 24.3512, -17.1945

Deuteranopia

63.2310, 23.0571, -22.1276



Tritanopia

64.1060, 5.8637, -14.1250

Trichromacy



Original Color

66.3900, 21.9927, -7.3580

Protanomaly

65.4000, 23.4668, -13.5058

Deuteranomaly

64.1500, 22.6040, -16.7946

Tritanomaly

65.0230, 11.8207, -11.4212

Monochromacy



Original Color

66.3900, 21.9927, -7.3580

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.3400, 7.7204, -2.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.3900, 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(58, 62, 111)` looks like.

```
.text, #text, p{  
    color:rgb(58, 62, 111)  
}
```

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(58, 62, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 62, 111) }
```

Border

The CSS property to change the border of an element to YUV 66.3900, 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(58, 62, 111) }
```


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

```
.border{ border-color:rgb(58, 62, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 62, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 62, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 62, 111);  
box-shadow:4px 4px 4px 4px rgb(58, 62,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 66.3900, 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(58, 62, 111) }
```

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

```
.background{ background-color: rgb(58, 62,  
111) }
```

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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