

Converting Colors

YUV(111.0570, 36.9469,
-43.9000)

Have a look what the booklet for
YUV(111.0570, 36.9469, -43.9000)
contains.

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Color

**YUV(111.0570, 36.9469,
-43.9000)**

Conversions

Conversions Part 1

Format	Color
Hex	3D7ABA
RGB	61, 122, 186
RGB Percent	24%, 48%, 73%
CMY	0.7608, 0.5216, 0.2706
CMYK	0.67, 0.34, 0.00, 0.27
HSL	211°, 51%, 48%
HSV	211°, 67%, 73%
XYZ	17.7469, 18.4563, 49.0814
YIQ	111.0570, -56.9000, 6.9720

Conversions

Conversions Part 2

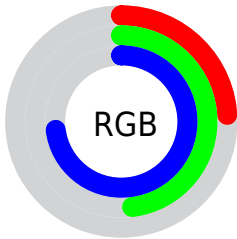
Format	Color
R _Y B	61, 102, 186
Decimal	4029114
CIE Lab	50.04, 1.10, -39.48
CIE LCh	50, 39.494, 271.601
Yxy	18.4563, 0.2081, 0.2164
Android (android.graphics.Color)	4282219194 (0xFF3D7ABA)
YUV	111.0570, 36.9469, -43.9000
Hunter-Lab	42.9608, -1.4439, -37.6644

Details

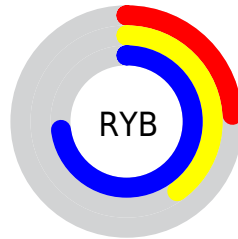
The YUV color **111.0570, 36.9469, -43.9000** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **135.9430, -36.9469, 43.9000**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9050, 37.5148, -39.3817**, and **58.4860, 36.2424, -51.2922** is the 20% darker color. If you saturate the color by 10%, you get **99.5060, 42.6415, -50.4328**, and if you desaturate by 10%, it is **122.6080, 31.2523, -37.3672**.

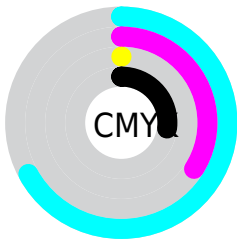
Distribution



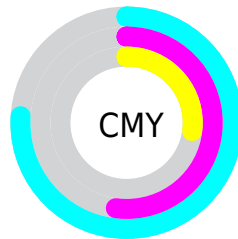
- Red (24%)
- Green (48%)
- Blue (73%)



- Red (24%)
- Yellow (40%)
- Blue (73%)



- Cyan (67%)
- Magenta (34%)
- Yellow (0%)
- Black (27%)



- Cyan (76%)
- Magenta (52%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0570, 36.9469, -43.9000 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 111.0570, 36.9469, -43.9000 by changing the saturation by 10% instead.

■ 111.0570, 36.9469,
-43.9000

■ 111.0570, 36.9469,
-43.9000

■ 255.0000, 0.0000,
0.0000

■ 81.3440, 38.2844,
-52.9217

■ 165.9050, 37.5148,
-39.3817

■ 58.4860, 36.2424,
-51.2922

■ 191.9070, 31.1048,
-36.7524

■ 42.7220, 31.6891,
-37.4672

■ 217.0140, 18.7271,
-33.3383

■ 27.5450, 26.8463,
-24.1570

■ 240.9470, 6.9281,
-28.8945

■ 9.6610, 24.3241,
-8.4727

■ 249.9170, 2.5059,
-10.4512

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 111.0570, 36.9469,
-43.9000

■ 111.0570, 36.9469,
-43.9000

■ 99.5060, 42.6415,
-50.4328

■ 122.6080, 31.2523,
-37.3672

■ 88.8410, 47.8994,
-56.8656

■ 133.2730, 25.9944,
-30.9344

■ 77.2900, 53.5940,
-63.3983

■ 144.8240, 20.2998,
-24.4016

■ 74.6210, 54.9098,
-65.4426

■ 155.4890, 15.0419,
-17.9689

■ 167.0400, 9.3473,
-11.4361

■ 178.0040, 3.9420,
-4.3885

■ 189.2560, -1.6052,
1.5295

■ 200.2200, -7.0105,
8.5771

■ 211.4720,
-12.5577, 14.4951

Harmonies

Analogous

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



97.1890, 39.8398, -85.2348



111.0570, 36.9469, -43.9000



121.7100, 26.7650, 2.0083

Triad

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



111.0570, 36.9469, -43.9000



118.8020, -16.1714, 53.6706



105.2170, -9.4740, -41.4093

Complementary

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



111.0570, 36.9469, -43.9000



135.9430, -36.9469, 43.9000

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.



112.0720, -26.1645, -7.9561



111.0570, 36.9469, -43.9000



118.0980, -28.6423, 40.2561

Square

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



111.0570, 36.9469, -43.9000



120.2160, -0.5995, 52.4306



115.8150, -32.9398, 18.5792



93.5120, 13.0586, -82.0100

Rectangle

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



111.0570, 36.9469, -43.9000



122.7900, 18.8375, 24.7402



115.8150, -32.9398, 18.5792



108.5730, -16.0585, -29.4435

Sweetspot

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



111.0570, 36.9469, -43.9000



212.9730, 14.3103, -16.6393



141.5570, -8.6556, -70.6485



104.5240, 8.6157, -10.1065



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



111.0570, 36.9469, -43.9000



124.6960, 57.8309, -69.0164



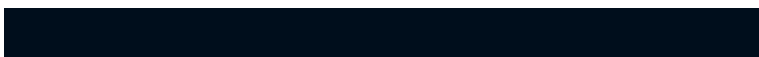
75.2500, 54.5998, -12.4972



86.3740, 2.7736, -2.9590



62.3960, 46.1468, -54.7213



11.4100, 8.1789, -10.0066

Inverse Universe

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



105.3290, 8.2188, 70.7485



115.5480, 13.0408, 110.8984



171.7500, -54.5998, 12.4972



86.1470, 0.4205, 5.1331



55.3080, 10.2012, 88.3069



9.9680, 1.9878, 15.8141

Previews

White Background



This preview shows how the YUV color 111.0570, 36.9469, -43.9000 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.0570, 36.9469, -43.9000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

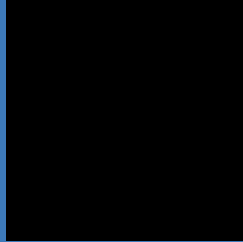
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.0570, 36.9469, -43.9000

Background



This preview shows how black text looks on a background with the YUV color 111.0570, 36.9469, -43.9000.



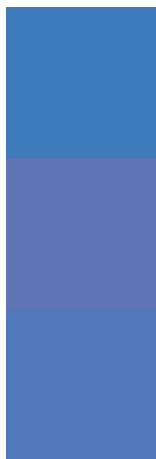
This preview shows how white text looks on a background with the YUV color 111.0570, 36.9469, -43.9000.

-43.9000.

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

111.0570, 36.9469, -43.9000

Protanopia

117.1310, 31.4874, -19.4089

Deuteranopia

115.3900, 35.3037, -30.1600



Tritanopia

102.6530, 19.3981, -61.9627

Trichromacy



Original Color

111.0570, 36.9469, -43.9000

Protanomaly

114.9450, 33.5511, -28.0158

Deuteranomaly

113.8840, 36.0462, -34.9783

Tritanomaly

106.0050, 25.6335, -55.2554

Monochromacy



Original Color

111.0570, 36.9469, -43.9000

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0440, 13.2893, -15.8246

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0570, 36.9469, -43.9000 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(61, 122, 186)` looks like.

```
.text, #text, p{  
    color:rgb(61, 122, 186)  
}
```

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(61, 122, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 122, 186) }
```

Border

The CSS property to change the border of an element to YUV 111.0570, 36.9469, -43.9000 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(61, 122, 186) }
```


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

```
.border{ border-color:rgb(61, 122, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 122, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 122, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 122, 186);  
box-shadow:4px 4px 4px 4px rgb(61, 122,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 111.0570, 36.9469, -43.9000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 122, 186) }
```

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

```
.background{ background-color: rgb(61, 122,  
186) }
```

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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