

Converting Colors

YUV(97.6070, 19.4207,
-22.4573)

Have a look what the booklet for
YUV(97.6070, 19.4207, -22.4573)
contains.

YUV(97.6070, 19.4207, -22.4573)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(97.6070, 19.4207,
-22.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	486789
RGB	72, 103, 137
RGB Percent	28%, 40%, 54%
CMY	0.7176, 0.5961, 0.4627
CMYK	0.47, 0.25, 0.00, 0.46
HSL	211°, 31%, 41%
HSV	211°, 47%, 54%
XYZ	12.0381, 12.8844, 25.5194
YIQ	97.6070, -29.3900, 4.0020

Conversions

Conversions Part 2

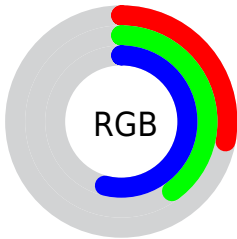
Format	Color
R_{YB}	72, 93, 137
Decimal	4745097
CIE _{Lab}	42.59, -1.44, -22.30
CIE _{LCh}	43, 22.342, 266.308
Yxy	12.8844, 0.2387, 0.2554
Android (android.graphics.Color)	4282935177 (0xFF486789)
YUV	97.6070, 19.4207, -22.4573
Hunter-Lab	35.8948, -2.9520, -17.0258

Details

The YUV color **97.6070, 19.4207, -22.4573** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **111.3930, -19.4207, 22.4573**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2480, 20.5837, -22.1425**, and **48.4710, 18.9948, -25.8461** is the 20% darker color. If you saturate the color by 10%, you get **89.3120, 23.5102, -27.4606**, and if you desaturate by 10%, it is **105.9020, 15.3313, -17.4541**.

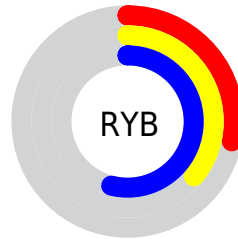
Distribution



Red (28%)

Green (40%)

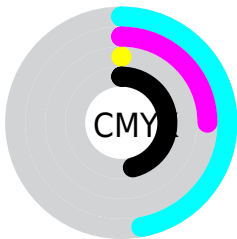
Blue (54%)



Red (28%)

Yellow (36%)

Blue (54%)

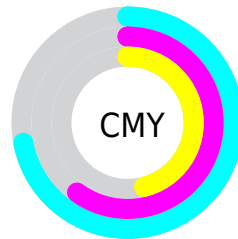


Cyan (47%)

Magenta (25%)

Yellow (0%)

Black (46%)



Cyan (72%)

Magenta (60%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6070, 19.4207, -22.4573 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 97.6070, 19.4207, -22.4573 by changing the saturation by 10% instead.

■ 97.6070, 19.4207,
-22.4573

■ 97.6070, 19.4207,
-22.4573

■ 255.0000, 0.0000,
0.0000

■ 72.8950, 19.2788,
-23.5869

■ 149.2480, 20.5837,
-22.1425

■ 48.4710, 18.9948,
-25.8461

■ 176.2480, 20.5837,
-22.1425

■ 27.8410, 17.8264,
-24.4166

■ 203.4760, 21.4573,
-22.3425

■ 12.3050, 14.1466,
-10.7915

■ 229.1960, 12.7214,
-20.3429

■ 2.8670, 8.4466,
-2.5144

■ 249.0200, 2.9481,
-12.2955

■ 0.0000, 0.0000,
0.0000

■ 97.6070, 19.4207,
-22.4573

■ 97.6070, 19.4207,
-22.4573

■ 89.3120, 23.5102,
-27.4606

■ 105.9020, 15.3313,
-17.4541

■ 81.3160, 27.4522,
-31.8491

■ 113.8980, 11.3893,
-13.0655

■ 73.0210, 31.5416,
-36.8524

■ 122.1930, 7.2999,
-8.0623

■ 64.1390, 35.9205,
-41.3409

■ 131.0750, 2.9210,
-3.5738

■ 56.1430, 39.8625,
-45.7294

■ 139.3700, -1.1684,
1.4295

■ 53.7730, 41.0309,
-47.1589

■ 147.3660, -5.1104,
5.8180

■ 155.6610, -9.1999,
10.8213

■ 163.9560,

-13.2893, 15.8246

■ 171.9520,
-17.2313, 20.2131

Harmonies

Analogous

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



92.0840, 19.1856, -40.4157



97.6070, 19.4207, -22.4573



102.1150, 15.7193, -1.8549

Triad

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



97.6070, 19.4207, -22.4573



102.3090, -8.5333, 30.4240



94.9410, -7.3659, -17.4883

Complementary

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



97.6070, 19.4207, -22.4573



111.3930, -19.4207, 22.4573

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.



97.3900, -14.9823, -1.2190



97.6070, 19.4207, -22.4573



100.9680, -14.7742, 25.4611

Square

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



97.6070, 19.4207, -22.4573



103.2900, 0.3500, 27.8097



99.7940, -17.6464, 13.3357



91.5890, 3.1606, -33.8426

Rectangle

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



97.6070, 19.4207, -22.4573



102.7530, 11.4608, 10.7406



99.7940, -17.6464, 13.3357



95.8770, -10.2924, -12.1701

Sweetspot

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



97.6070, 19.4207, -22.4573



163.3070, 7.7366, -8.1622



114.0310, -3.9593, -36.8612



79.8190, 4.5262, -5.1033



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



97.6070, 19.4207, -22.4573



116.8040, 30.6626, -34.9081



79.7090, 28.2445, -5.8838



64.5590, 2.1894, -2.2442



52.1430, 39.8625, -45.7294



1.7440, 1.6052, -1.5295

Inverse Universe

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



94.9690, 3.9593, 36.8612



112.9700, 5.9308, 57.9083



129.2910, -28.2445, 5.8838



64.4350, 0.2785, 4.0035



46.9490, 7.9131, 75.4667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 97.6070, 19.4207, -22.4573 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 × Fail

Black Background



This preview shows how the YUV color 97.6070, 19.4207, -22.4573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

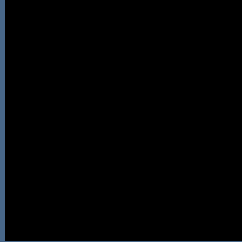
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

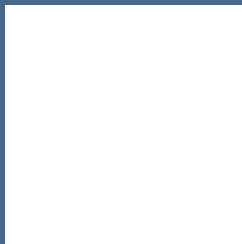
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.6070, 19.4207, -22.4573

Background



This preview shows how black text looks on a background with the YUV color 97.6070, 19.4207, -22.4573.



This preview shows how white text looks on a background with the YUV color 97.6070, 19.4207,

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

97.6070, 19.4207, -22.4573

Protanopia

100.2990, 16.6146, -9.0322

Deuteranopia

100.1570, 18.6566, -10.6617



Tritanopia

95.4680, 10.1223, -26.7204

Trichromacy



Original Color

97.6070, 19.4207, -22.4573

Protanomaly

98.9070, 17.7938, -13.9504

Deuteranomaly

98.9500, 19.2517, -14.8651

Tritanomaly

96.6900, 13.4638, -25.1611

Monochromacy



Original Color

97.6070, 19.4207, -22.4573

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0790, 6.8631, -7.9623

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6070, 19.4207, -22.4573 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(72, 103, 137)` looks like.

```
.text, #text, p{  
    color:rgb(72, 103, 137)  
}
```

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(72, 103, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 103, 137) }
```

Border

The CSS property to change the border of an element to YUV 97.6070, 19.4207, -22.4573 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(72, 103, 137) }
```


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

```
.border{ border-color:rgb(72, 103, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 103, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 103, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 103, 137);  
box-shadow:4px 4px 4px 4px rgb(72, 103,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 97.6070, 19.4207, -22.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 103, 137) }
```

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

```
.background{ background-color: rgb(72, 103,  
137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor