

Converting Colors

YUV(96.5610, 9.0904, -22.4170)

Have a look what the booklet for
YUV(96.5610, 9.0904, -22.4170)
contains.

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Color

**YUV(96.5610, 9.0904,
-22.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	476A73
RGB	71, 106, 115
RGB Percent	28%, 42%, 45%
CMY	0.7216, 0.5843, 0.5490
CMYK	0.38, 0.08, 0.00, 0.55
HSL	192°, 24%, 36%
HSV	192°, 38%, 45%
XYZ	10.8471, 12.8855, 18.1351
YIQ	96.5610, -23.7490, -4.6210

Conversions

Conversions Part 2

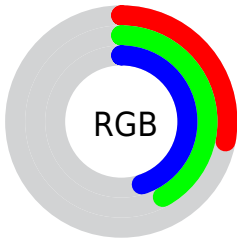
Format	Color
R_{YB}	71, 90, 115
Decimal	4680307
CIE Lab	42.59, -10.02, -9.02
CIE LCh	43, 13.480, 222.012
Yxy	12.8855, 0.2591, 0.3078
Android (android.graphics.Color)	4282870387 (0xFF476A73)
YUV	96.5610, 9.0904, -22.4170
Hunter-Lab	35.8963, -8.8798, -4.8263

Details

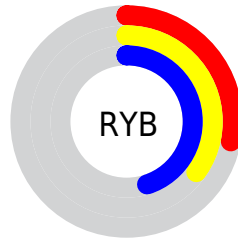
The YUV color **96.5610, 9.0904, -22.4170** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **89.4390, -9.0904, 22.4170**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3760, 9.6746, -23.1318**, and **48.8490, 8.9484, -23.5466** is the 20% darker color. If you saturate the color by 10%, you get **92.0980, 11.2907, -28.1499**, and if you desaturate by 10%, it is **101.3230, 6.7428, -16.0693**.

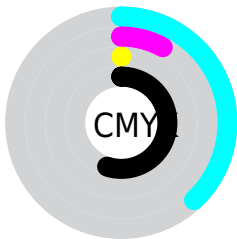
Distribution



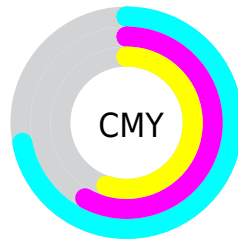
- Red (28%)
- Green (42%)
- Blue (45%)



- Red (28%)
- Yellow (35%)
- Blue (45%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (55%)



- Cyan (72%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5610, 9.0904, -22.4170 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 96.5610, 9.0904, -22.4170 by changing the saturation by 10% instead.

■ 96.5610, 9.0904,
-22.4170

■ 96.5610, 9.0904,
-22.4170

■ 255.0000, 0.0000,
0.0000

■ 72.4470, 8.6536,
-22.3170

■ 147.3760, 9.6746,
-23.1318

■ 48.8490, 8.9484,
-23.5466

■ 174.3760, 9.6746,
-23.1318

■ 26.8490, 8.9484,
-23.5466

■ 202.0770, 9.8220,
-23.7465

■ 12.7150, 5.5635,
-11.1511

■ 230.1910, 10.2588,
-23.8465

■ 0.0000, 0.0000,
0.0000

■ 247.8240, 3.5378,
-14.7546

■ 96.5610, 9.0904,
-22.4170

■ 96.5610, 9.0904,
-22.4170

■ 92.0980, 11.2907,
-28.1499

■ 101.3230, 6.7428,
-16.0693

■ 86.7490, 13.9277,
-33.9829

■ 106.3730, 4.2531,
-10.8511

■ 82.2860, 16.1280,
-39.7158

■ 111.1350, 1.9054,
-4.5034

■ 77.5240, 18.4757,
-46.0635

■ 115.5980, -0.2948,
1.2296

■ 72.1750, 21.1127,
-51.8965

■ 120.9470, -2.9319,
7.0625

■ 67.7120, 23.3130,
-57.6294

■ 125.4100, -5.1321,
12.7954

■ 66.5270, 23.8972,
-58.3442

■ 130.1720, -7.4798,
19.1432

■ 135.2220, -9.9694,

24.3613

■ 139.9840,
-12.3171, 30.7090

Harmonies

Analogous

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



96.0080, 4.4331, -21.9320



96.5610, 9.0904, -22.4170



98.7620, 10.9633, -16.4543

Triad

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



96.5610, 9.0904, -22.4170



102.4840, 2.7194, 14.4845



99.3890, -10.0518, 4.0438

Complementary

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



96.5610, 9.0904, -22.4170



89.4390, -9.0904, 22.4170

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.



101.0310, -10.3683, 12.2508



96.5610, 9.0904, -22.4170



102.6110, -3.2592, 18.7582

Square

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



96.5610, 9.0904, -22.4170



101.9820, 7.4039, 5.2778



101.4600, -7.6218, 18.0136



98.1320, -6.9671, -5.3778

Rectangle

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



96.5610, 9.0904, -22.4170



99.9200, 11.3784, -9.5768



101.4600, -7.6218, 18.0136



99.8840, -10.7888, 7.1177

Sweetspot

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



96.5610, 9.0904, -22.4170



143.4550, 3.2267, -8.2920



97.8540, -8.8020, -23.5510



72.2490, 2.3422, -4.6034



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



96.5610, 9.0904, -22.4170



121.1510, 14.2226, -35.2124



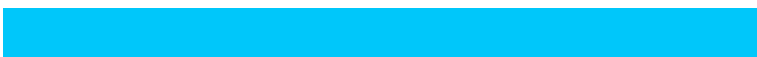
83.6470, 15.4570, -11.0914



56.0320, 1.4632, -2.6591



70.8470, 25.2184, -62.1328



145.3130, 51.6107, -127.4395

Inverse Universe

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



88.1460, 8.8020, 23.5510



107.9010, 13.8528, 36.9208



102.3530, -15.4570, 11.0914



55.2500, 0.8628, 3.2888



47.5360, 24.3858, 65.3049



97.4360, 50.0711, 133.7986

Previews

White Background



This preview shows how the YUV color 96.5610, 9.0904, -22.4170 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 96.5610, 9.0904, -22.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

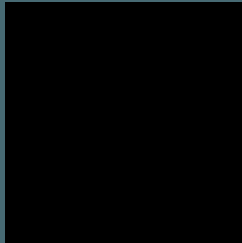
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.5610, 9.0904, -22.4170

Background



This preview shows how black text looks on a background with the YUV color 96.5610, 9.0904, -22.4170.



This preview shows how white text looks on a background with the YUV color 96.5610, 9.0904, -22.4170.

-22.4170.

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

96.5610, 9.0904, -22.4170

Protanopia

100.9550, 4.9522, -1.7145

Deuteranopia

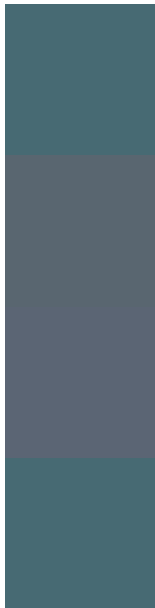
101.3620, 7.7095, 0.5595



Tritanopia

96.5610, 9.0904, -22.4170

Trichromacy



Original Color

96.5610, 9.0904, -22.4170

Protanomaly

99.2530, 6.2843, -8.9919

Deuteranomaly

99.7200, 8.0260, -7.6474

Tritanomaly

96.5610, 9.0904, -22.4170

Monochromacy



Original Color

96.5610, 9.0904, -22.4170

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8680, 3.5161, -7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5610, 9.0904, -22.4170 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(71, 106, 115)` looks like.

```
.text, #text, p{  
    color:rgb(71, 106, 115)  
}
```

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(71, 106, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 106, 115) }
```

Border

The CSS property to change the border of an element to YUV 96.5610, 9.0904, -22.4170 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(71, 106, 115) }
```


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

```
.border{ border-color:rgb(71, 106, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 106, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 106, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 106, 115);  
box-shadow:4px 4px 4px 4px rgb(71, 106,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 96.5610, 9.0904, -22.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 106, 115) }
```

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

```
.background{ background-color: rgb(71, 106,  
115) }
```

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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