

Converting Colors

YUV(39.7510, 10.9688,
-18.1986)

Have a look what the booklet for
YUV(39.7510, 10.9688, -18.1986)
contains.

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Color

**YUV(39.7510, 10.9688,
-18.1986)**

Conversions

Conversions Part 1

Format	Color
Hex	132E3E
RGB	19, 46, 62
RGB Percent	7%, 18%, 24%
CMY	0.9255, 0.8196, 0.7569
CMYK	0.69, 0.26, 0.00, 0.76
HSL	202°, 53%, 16%
HSV	202°, 69%, 24%
XYZ	2.1151, 2.4402, 4.9170
YIQ	39.7510, -21.2280, -0.7480

Conversions

Conversions Part 2

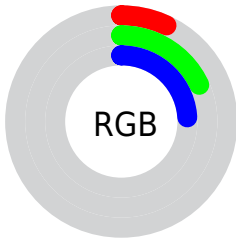
Format	Color
R _Y B	19, 36, 62
Decimal	1257022
CIE Lab	17.65, -4.39, -13.21
CIE LCh	18, 13.921, 251.617
Yxy	2.4402, 0.2233, 0.2576
Android (android.graphics.Color)	4279447102 (0xFF132E3E)
YUV	39.7510, 10.9688, -18.1986
Hunter-Lab	15.6213, -3.1690, -7.7273

Details

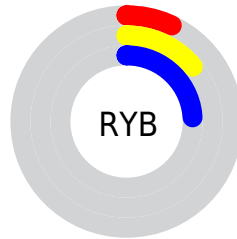
The YUV color **39.7510, 10.9688, -18.1986** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **41.2490, -10.9688, 18.1986**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.5770, 11.5475, -17.1690**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **36.7830, 12.4320, -20.8577**, and if you desaturate by 10%, it is **42.7190, 9.5055, -15.5396**.

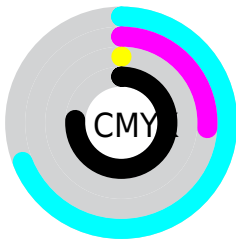
Distribution



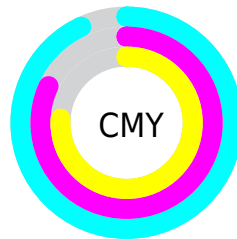
- Red (7%)
- Green (18%)
- Blue (24%)



- Red (7%)
- Yellow (14%)
- Blue (24%)



- Cyan (69%)
- Magenta (26%)
- Yellow (0%)
- Black (76%)



- Cyan (93%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.7510, 10.9688, -18.1986 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 39.7510, 10.9688, -18.1986 by changing the saturation by 10% instead.

■ 39.7510, 10.9688,
-18.1986

■ 39.7510, 10.9688,
-18.1986

■ 254.7010, 0.1474,
-0.6148

■ 19.2350, 10.2371,
-16.8691

■ 86.5770, 11.5475,
-17.1690

■ 2.8670, 8.4466,
-2.5144

■ 110.6910, 11.9843,
-17.2690

■ 0.0000, 0.0000,
0.0000

■ 136.3920, 12.1317,
-17.8838

■ 162.5060, 12.5685,
-17.9838

■ 189.6200, 13.0053,
-18.0837

■ 217.6200, 13.0053,

-18.0837

■ 244.2690, 5.2904,
-16.8989

■ 39.7510, 10.9688,
-18.1986

■ 39.7510, 10.9688,
-18.1986

■ 36.7830, 12.4320,
-20.8577

■ 42.7190, 9.5055,
-15.5396

■ 33.2280, 14.1846,
-23.0020

■ 46.2740, 7.7529,
-13.3953

■ 29.9610, 15.7952,
-26.2758

■ 49.5410, 6.1423,
-10.1215

■ 52.5090, 4.6791,
-7.4624

■ 56.0640, 2.9264,
-5.3181

■ 59.0320, 1.4632,
-2.6591

■ 62.0000, 0.0000,
0.0000

■ 65.2670, -1.6106,
3.2738

■ 68.8220, -3.3632,
5.4181

Harmonies

Analogous

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



36.3540, 9.6855, -26.6205



39.7510, 10.9688, -18.1986



42.8880, 9.9152, -6.9178

Triad

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



39.7510, 10.9688, -18.1986



44.5290, -2.2328, 16.1991



41.2460, -6.5303, -5.4777

Complementary

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



39.7510, 10.9688, -18.1986



41.2490, -10.9688, 18.1986

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.



42.2040, -9.4676, 3.3291



39.7510, 10.9688, -18.1986



43.3780, -6.5954, 15.4545

Square

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



39.7510, 10.9688, -18.1986



44.4730, 2.7248, 12.7402



43.2480, -9.4893, 10.3065



39.2710, -1.1196, -14.2697

Rectangle

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



39.7510, 10.9688, -18.1986



43.7750, 7.9989, 1.0743



43.2480, -9.4893, 10.3065



41.6270, -7.7041, -2.3039

Sweetspot

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



39.7510, 10.9688, -18.1986



72.5090, 4.6791, -7.4624



46.0650, -5.4550, -23.7360



35.6620, 2.6316, -4.0886



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



39.7510, 10.9688, -18.1986



46.4060, 17.5478, -28.4201



27.4240, 17.0460, -7.3878



28.9290, 1.0210, -0.8147



45.3490, 23.9849, -39.7711



106.9010, 56.7438, -93.7522

Inverse Universe

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



34.9350, 5.4550, 23.7360



39.1200, 8.3218, 37.6058



53.5760, -17.0460, 7.3878



29.0110, -0.0054, 1.7444



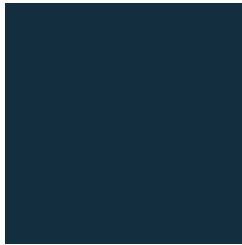
34.8320, 11.9148, 51.8903



82.2240, 27.9906, 122.5836

Previews

White Background



This preview shows how the YUV color 39.7510, 10.9688, -18.1986 looks on a white background.

Color Contrast Check

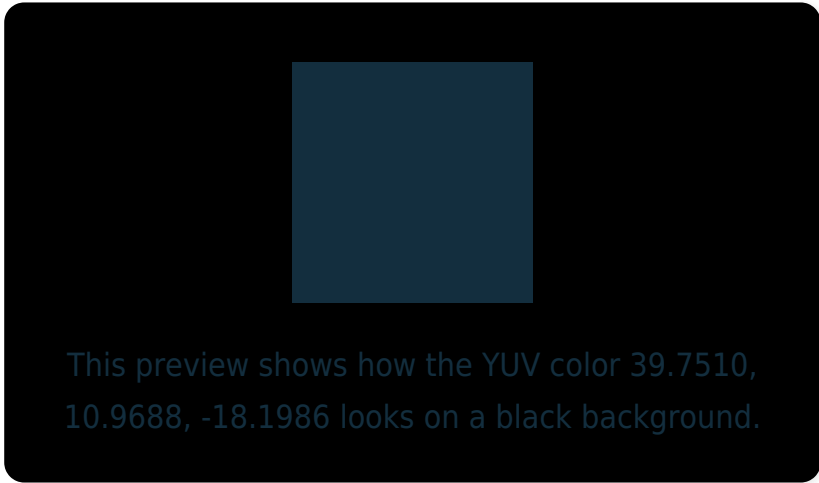
Large Text (above 18pt) WCAG AA ✓ Pass

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

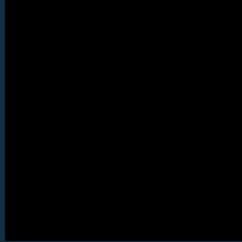
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.7510, 10.9688, -18.1986

Background



This preview shows how black text looks on a background with the YUV color 39.7510, 10.9688, -18.1986.



This preview shows how white text looks on a background with the YUV color 39.7510, 10.9688,

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

39.7510, 10.9688, -18.1986

Protanopia

43.3290, 7.7258, -4.6735

Deuteranopia

43.1870, 9.7678, -6.3030



Tritanopia

37.6920, 7.0538, -22.5319

Trichromacy



Original Color

39.7510, 10.9688, -18.1986

Protanomaly

41.9370, 8.9051, -9.5917

Deuteranomaly

41.9800, 10.3629, -10.5065

Tritanomaly

38.4580, 8.6482, -20.5727

Monochromacy



Original Color

39.7510, 10.9688, -18.1986

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.6940, 4.0949, -6.7476

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.7510, 10.9688, -18.1986 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(19, 46, 62)` looks like.

```
.text, #text, p{  
    color:rgb(19, 46, 62)  
}
```

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(19, 46, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 46, 62) }
```

Border

The CSS property to change the border of an element to YUV 39.7510, 10.9688, -18.1986 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(19, 46, 62) }
```


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

```
.border{ border-color:rgb(19, 46, 62) }
```

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

Here you see how a box with a 4 pixel rgb(19, 46, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 46, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 46, 62);  
box-shadow:4px 4px 4px 4px rgb(19, 46, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.7510, 10.9688, -18.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 46, 62) }
```

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

```
.background{ background-color: rgb(19, 46,  
62) }
```

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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