

Converting Colors

YUV(23.9210, 6.4479, -14.8397)

Have a look what the booklet for
YUV(23.9210, 6.4479, -14.8397)
contains.

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Color

**YUV(23.9210, 6.4479,
-14.8397)**

Conversions

Conversions Part 1

Format	Color
Hex	071E25
RGB	7, 30, 37
RGB Percent	3%, 12%, 15%
CMY	0.9725, 0.8824, 0.8549
CMYK	0.81, 0.19, 0.00, 0.85
HSL	194°, 68%, 9%
HSV	194°, 81%, 15%
XYZ	0.8858, 1.1073, 1.9173
YIQ	23.9210, -15.9550, -2.6990

Conversions

Conversions Part 2

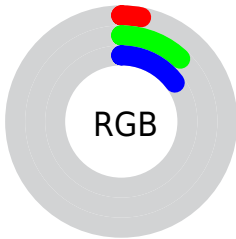
Format	Color
RYB	7, 20, 37
Decimal	466469
CIELab	9.86, -6.22, -7.45
CIELCh	10, 9.710, 230.150
Yxy	1.1073, 0.2265, 0.2832
Android (android.graphics.Color)	4278656549 (0xFF071E25)
YUV	23.9210, 6.4479, -14.8397
Hunter-Lab	10.5228, -3.3885, -3.4370

Details

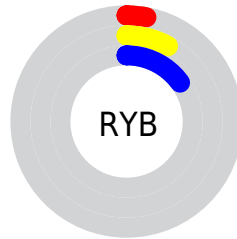
The YUV color **23.9210, 6.4479, -14.8397** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20.0790, -6.4479, 14.8397**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.3340, 6.7373, -14.3249**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.1380, 7.3270, -16.7840**, and if you desaturate by 10%, it is **25.7040, 5.5689, -12.8954**.

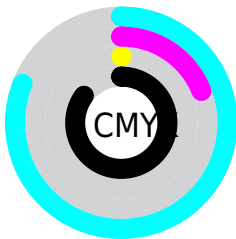
Distribution



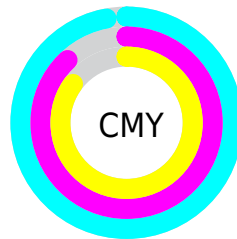
- Red (3%)
- Green (12%)
- Blue (15%)



- Red (3%)
- Yellow (8%)
- Blue (15%)



- Cyan (81%)
- Magenta (19%)
- Yellow (0%)
- Black (85%)



- Cyan (97%)
- Magenta (88%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.9210, 6.4479, -14.8397 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 23.9210, 6.4479, -14.8397 by changing the saturation by 10% instead.

■ 23.9210, 6.4479,
-14.8397

■ 23.9210, 6.4479,
-14.8397

■ 248.7210, 3.0955,
-12.9103

■ 2.4110, 6.6994,
-2.1144

■ 68.3340, 6.7373,
-14.3249

■ 0.0000, 0.0000,
0.0000

■ 91.4480, 7.1741,
-14.4249

■ 116.1490, 7.3215,
-15.0397

■ 142.1490, 7.3215,
-15.0397

■ 168.8500, 7.4690,
-15.6544

■ 195.8500, 7.4690,

-15.6544

■ 223.6650, 8.0532,
-16.3692

■ 23.9210, 6.4479,
-14.8397

■ 23.9210, 6.4479,
-14.8397

■ 22.1380, 7.3270,
-16.7840

■ 25.7040, 5.5689,
-12.8954

■ 20.6540, 8.0586,
-18.1136

■ 27.1880, 4.8373,
-11.5659

■ 28.9710, 3.9583,
-9.6216

■ 30.1670, 3.3687,
-7.1625

■ 31.9500, 2.4897,
-5.2181

■ 33.4340, 1.7580,
-3.8886

■ 35.2170, 0.8790,
-1.9443

■ 37.0000, 0.0000,
0.0000

■ 38.4840, -0.7316,
1.3295

Harmonies

Analogous

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



23.5250, 3.6852, -15.3694



23.9210, 6.4479, -14.8397



25.4810, 7.1579, -9.1918

Triad

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



23.9210, 6.4479, -14.8397



27.9950, 0.9885, 9.6514



26.2900, -6.5520, 1.4997

Complementary

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



23.9210, 6.4479, -14.8397



20.0790, -6.4479, 14.8397

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.



26.7960, -7.2944, 6.3179



23.9210, 6.4479, -14.8397



27.4960, -2.2165, 10.9660

Square

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



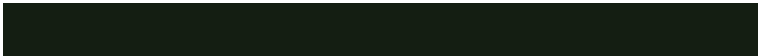
23.9210, 6.4479, -14.8397



28.0590, 3.9149, 4.3333



27.3880, -5.1213, 9.3067



25.6420, -3.7675, -4.9480

Rectangle

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



23.9210, 6.4479, -14.8397



26.9870, 6.4154, -4.3736



27.3880, -5.1213, 9.3067



26.1870, -6.9942, 3.3440

Sweetspot

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



23.9210, 6.4479, -14.8397



43.5370, 2.2003, -5.7329



25.4080, -5.6241, -16.1438



22.4340, 1.7580, -3.8886



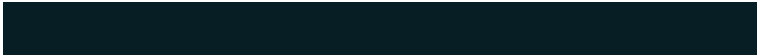
153.0000, 0.0000, 0.0000



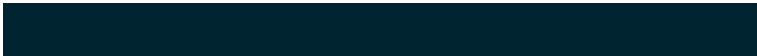
26.0000, 0.0000, 0.0000

Same Dimension

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



23.9210, 6.4479, -14.8397



27.4900, 10.1114, -23.2317



15.1160, 10.7888, -7.1177



16.8150, 0.5842, -0.7148



46.3290, 17.5858, -40.6305



117.7460, 44.9882, -103.2632

Inverse Universe

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



18.5920, 5.6241, 16.1438



19.1570, 8.7966, 25.2953



28.8840, -10.7888, 7.1177



16.7120, 0.1420, 1.1296



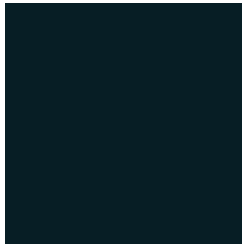
31.7000, 15.4309, 44.1131



80.7310, 39.0796, 112.4919

Previews

White Background



This preview shows how the YUV color 23.9210, 6.4479, -14.8397 looks on a white background.

Color Contrast Check

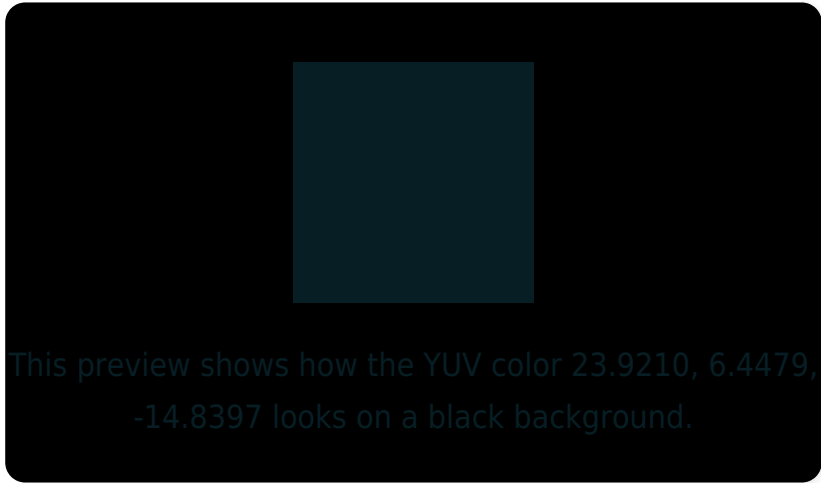
Large Text (above 18pt) WCAG AA ✓ Pass

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

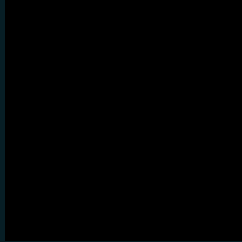
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

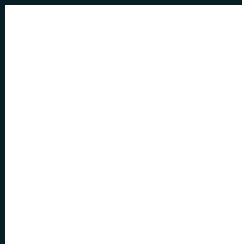
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 23.9210, 6.4479, -14.8397

Background



This preview shows how black text looks on a background with the YUV color 23.9210, 6.4479, -14.8397.



This preview shows how white text looks on a background with the YUV color 23.9210, 6.4479, -14.8397.

-14.8397.

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

23.9210, 6.4479, -14.8397

Protanopia

27.6130, 3.6418, -1.4146

Deuteranopia

27.3570, 5.2470, -2.9441



Tritanopia

21.9590, 5.4432, -19.2580

Trichromacy



Original Color

23.9210, 6.4479, -14.8397

Protanomaly

26.2210, 4.8210, -6.3328

Deuteranomaly

26.1500, 5.8421, -7.1475

Tritanomaly

22.9700, 5.4378, -17.5137

Monochromacy



Original Color

23.9210, 6.4479, -14.8397

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.9500, 2.4897, -5.2181

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.9210, 6.4479, -14.8397 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(7, 30, 37)` looks like.

```
.text, #text, p{  
    color:rgb(7, 30, 37)  
}
```

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(7, 30, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 30, 37) }
```

Border

The CSS property to change the border of an element to YUV 23.9210, 6.4479, -14.8397 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(7, 30, 37) }
```


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

```
.border{ border-color:rgb(7, 30, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 30, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 30, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 30, 37); box-shadow:4px  
4px 4px 4px rgb(7, 30, 37) }
```

Background

The CSS property to change the background color of an element to YUV 23.9210, 6.4479, -14.8397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 30, 37) }
```

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

```
.background{ background-color: rgb(7, 30,  
37) }
```

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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