

Converting Colors

YUV(20.0400, 9.3473, -11.4361)

Have a look what the booklet for
YUV(20.0400, 9.3473, -11.4361)
contains.

YUV(20.0400, 9.3473, -11.4361)	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(20.0400, 9.3473,
-11.4361)**

Conversions

Conversions Part 1

Format	Color
Hex	071727
RGB	7, 23, 39
RGB Percent	3%, 9%, 15%
CMY	0.9725, 0.9098, 0.8471
CMYK	0.82, 0.41, 0.00, 0.85
HSL	210°, 70%, 9%
HSV	210°, 82%, 15%
XYZ	0.7602, 0.8044, 2.0347
YIQ	20.0400, -14.6720, 1.5840

Conversions

Conversions Part 2

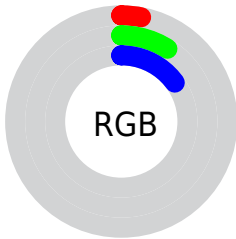
Format	Color
RYB	7, 18, 39
Decimal	464679
CIELab	7.27, -0.18, -12.96
CIELCh	7, 12.960, 269.208
Yxy	0.8044, 0.2112, 0.2235
Android (android.graphics.Color)	4278654759 (0xFF071727)
YUV	20.0400, 9.3473, -11.4361
Hunter-Lab	8.9691, -0.5661, -7.1717

Details

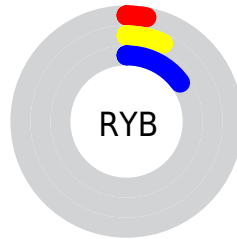
The YUV color **20.0400, 9.3473, -11.4361** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **25.9600, -9.3473, 11.4361**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.2790, 10.2155, -9.8917**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.6700, 10.5157, -12.8656**, and if you desaturate by 10%, it is **22.4100, 8.1789, -10.0066**.

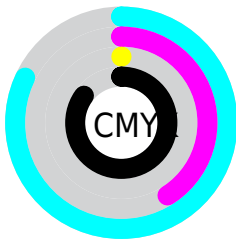
Distribution



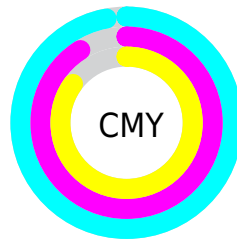
- Red (3%)
- Green (9%)
- Blue (15%)



- Red (3%)
- Yellow (7%)
- Blue (15%)



- Cyan (82%)
- Magenta (41%)
- Yellow (0%)
- Black (85%)



- Cyan (97%)
- Magenta (91%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.0400, 9.3473, -11.4361 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 20.0400, 9.3473, -11.4361 by changing the saturation by 10% instead.

■ 20.0400, 9.3473,
-11.4361

■ 20.0400, 9.3473,
-11.4361

■ 244.6120, 5.1213,
-9.3067

■ 2.6390, 7.5730,
-2.3144

■ 63.2790, 10.2155,
-9.8917

■ 0.0000, 0.0000,
0.0000

■ 86.9800, 10.3629,
-10.5065

■ 111.2080, 11.2365,
-10.7064

■ 137.2080, 11.2365,
-10.7064

■ 163.3220, 11.6733,
-10.8064

■ 190.4360, 12.1101,

-10.9064

■ 218.1370, 12.2575,
-11.5211

■ 20.0400, 9.3473,
-11.4361

■ 20.0400, 9.3473,
-11.4361

■ 17.6700, 10.5157,
-12.8656

■ 22.4100, 8.1789,
-10.0066

■ 16.1860, 11.2473,
-14.1951

■ 24.7800, 7.0105,
-8.5771

■ 27.1500, 5.8421,
-7.1475

■ 29.5200, 4.6736,
-5.7180

■ 31.8900, 3.5052,
-4.2885

■ 33.9610, 2.4842,
-3.4738

■ 36.3310, 1.3158,
-2.0443

■ 38.7010, 0.1474,
-0.6148

■ 41.0710, -1.0210,
0.8147

Harmonies

Analogous

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



18.7790, 8.4900, -16.4692



20.0400, 9.3473, -11.4361



22.5360, 7.1308, -0.4701

Triad

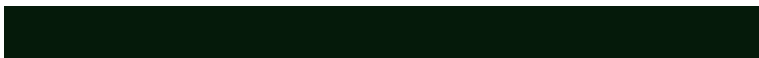
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.0400, 9.3473, -11.4361



22.1220, -4.9901, 13.9250



17.8970, -3.8932, -11.3107

Complementary

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



20.0400, 9.3473, -11.4361



25.9600, -9.3473, 11.4361

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.



20.0680, -9.8935, -0.0596



20.0400, 9.3473, -11.4361



21.3300, -10.5157, 12.8656

Square

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



20.0400, 9.3473, -11.4361



22.7890, 0.1040, 13.3400



20.9980, -10.3520, 7.0178



18.2430, 1.3592, -15.9991

Rectangle

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



20.0400, 9.3473, -11.4361



23.2980, 4.7831, 5.8777



20.9980, -10.3520, 7.0178



19.1210, -6.9617, -7.1221

Sweetspot

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



20.0400, 9.3473, -11.4361



43.5910, 3.6526, -4.9033



27.6080, -2.2717, -18.0732



21.2600, 2.3368, -2.8590



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.



20.0400, 9.3473, -11.4361



21.3750, 14.6051, -17.8689



10.6480, 13.9775, -3.1993



18.8150, 0.5842, -0.7148



34.2300, 24.5366, -30.0197



86.3900, 61.9257, -75.7640

Inverse Universe

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



18.3920, 2.2717, 18.0732



18.8000, 3.5496, 28.2394



35.3520, -13.9775, 3.1993



18.7120, 0.1420, 1.1296



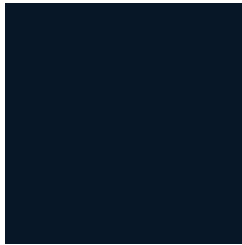
29.9040, 5.9633, 47.4422



75.4720, 15.0503, 119.7351

Previews

White Background



This preview shows how the YUV color 20.0400, 9.3473, -11.4361 looks on a white background.

Color Contrast Check

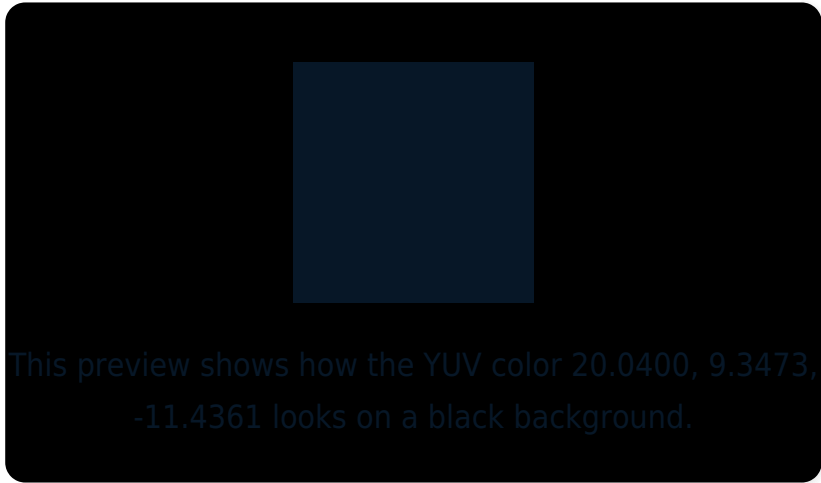
Large Text (above 18pt) WCAG AA ✓ Pass

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

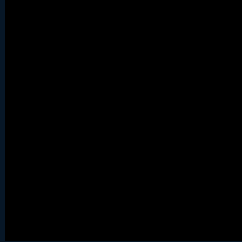
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.0400, 9.3473, -11.4361

Background



This preview shows how black text looks on a background with the YUV color 20.0400, 9.3473, -11.4361.



This preview shows how white text looks on a background with the YUV color 20.0400, 9.3473, -11.4361.

-11.4361.

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

20.0400, 9.3473, -11.4361

Protanopia

22.0300, 7.8732, -5.2883

Deuteranopia

20.6380, 9.0525, -10.2065



Tritanopia

17.7530, 4.5588, -15.5694

Trichromacy



Original Color

20.0400, 9.3473, -11.4361

Protanomaly

21.1330, 8.3154, -7.1326

Deuteranomaly

20.3390, 9.1999, -10.8213

Tritanomaly

18.5190, 6.1531, -13.6102

Monochromacy



Original Color

20.0400, 9.3473, -11.4361

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

19.8900, 3.5052, -4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.0400, 9.3473, -11.4361 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, 23, 39)` looks like.

```
.text, #text, p{  
    color:rgb(7, 23, 39)  
}
```

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, 23, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 23, 39) }
```

Border

The CSS property to change the border of an element to YUV 20.0400, 9.3473, -11.4361 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, 23, 39) }
```


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

```
.border{ border-color:rgb(7, 23, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 23, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 23, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 23, 39); box-shadow:4px  
4px 4px 4px rgb(7, 23, 39) }
```

Background

The CSS property to change the background color of an element to YUV 20.0400, 9.3473, -11.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 23, 39) }
```

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

```
.background{ background-color: rgb(7, 23,  
39) }
```

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