

Converting Colors

YUV(38.7430, 3.0847, -9.4216)

Have a look what the booklet for
YUV(38.7430, 3.0847, -9.4216)
contains.

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Color

**YUV(38.7430, 3.0847,
-9.4216)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2B2D
RGB	28, 43, 45
RGB Percent	11%, 17%, 18%
CMY	0.8902, 0.8314, 0.8235
CMYK	0.38, 0.04, 0.00, 0.82
HSL	187°, 23%, 14%
HSV	187°, 38%, 18%
XYZ	1.8164, 2.1641, 2.8046
YIQ	38.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

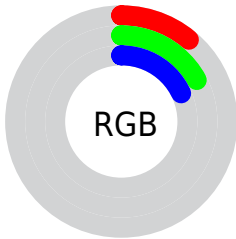
Format	Color
R_{YB}	28, 36, 45
Decimal	1846061
CIE Lab	16.33, -5.66, -3.33
CIE LCh	16, 6.565, 210.494
Yxy	2.1641, 0.2677, 0.3189
Android (android.graphics.Color)	4280036141 (0xFF1C2B2D)
YUV	38.7430, 3.0847, -9.4216
Hunter-Lab	14.7109, -3.7037, -1.0059

Details

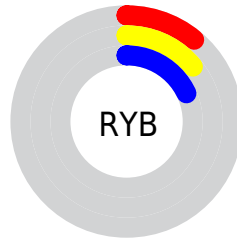
The YUV color **38.7430, 3.0847, -9.4216** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34.2570, -3.0847, 9.4216**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.5580, 3.6689, -10.1364**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.6610, 4.1111, -11.9807**, and if you desaturate by 10%, it is **40.8250, 2.0583, -6.8625**.

Distribution



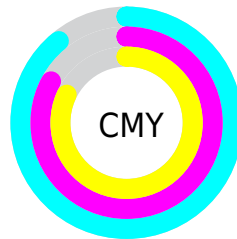
- Red (11%)
- Green (17%)
- Blue (18%)



- Red (11%)
- Yellow (14%)
- Blue (18%)



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (82%)



- Cyan (89%)
- Magenta (83%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.7430, 3.0847, -9.4216 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 38.7430, 3.0847, -9.4216 by changing the saturation by 10% instead.

■ 38.7430, 3.0847,
-9.4216

■ 38.7430, 3.0847,
-9.4216

■ 255.0000, 0.0000,
0.0000

■ 17.4330, 3.2375,
-11.7807

■ 83.5580, 3.6689,
-10.1364

■ 0.0000, 0.0000,
0.0000

■ 108.1450, 3.3795,
-10.6512

■ 133.2590, 3.8163,
-10.7511

■ 159.8460, 3.5269,
-11.2659

■ 186.8460, 3.5269,
-11.2659

■ 214.5470, 3.6743,

-11.8807

■ 242.6610, 4.1111,
-11.9807

■ 38.7430, 3.0847,
-9.4216

■ 38.7430, 3.0847,
-9.4216

■ 36.6610, 4.1111,
-11.9807

■ 40.8250, 2.0583,
-6.8625

■ 35.4650, 4.7008,
-14.4398

■ 42.0210, 1.4686,
-4.4034

■ 33.6820, 5.5798,
-16.3841

■ 44.1030, 0.4422,
-1.8443

■ 32.1870, 6.3168,
-19.4580

■ 45.2990, -0.1474,
0.6148

■ 30.1050, 7.3432,
-22.0171

■ 47.3810, -1.1738,
3.1739

■ 28.9090, 7.9329,
-24.4762

■ 48.5770, -1.7635,
5.6330

■ 28.6100, 8.0803,
-25.0910

■ 50.6590, -2.7899,
8.1921

■ 51.8550, -3.3795,
10.6512

■ 53.9370, -4.4059,
13.2103

Harmonies

Analogous

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



38.4720, 0.7533, -8.3069



38.7430, 3.0847, -9.4216



39.0960, 4.3897, -7.9772

Triad

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



38.7430, 3.0847, -9.4216



41.4890, 1.7309, 4.8331



40.1700, -4.5208, 3.3589

Complementary

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



38.7430, 3.0847, -9.4216



34.2570, -3.0847, 9.4216

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.



40.8930, -4.3842, 6.2328



38.7430, 3.0847, -9.4216



41.3430, -0.1691, 7.5922

Square

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



38.7430, 3.0847, -9.4216



40.6240, 3.6364, 0.3298



41.3600, -2.6425, 7.5773



39.9630, -3.9258, -0.8446

Rectangle

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



38.7430, 3.0847, -9.4216



39.6340, 5.1104, -5.8180



41.3600, -2.6425, 7.5773



40.7680, -4.8156, 4.5885

Sweetspot

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



38.7430, 3.0847, -9.4216



56.3200, 1.3212, -3.7886



38.2070, -4.0461, -8.9515



29.2170, 0.8790, -1.9443



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



38.7430, 3.0847, -9.4216



49.1660, 4.8482, -15.0546



34.0470, 5.3998, -5.3032



22.4020, 0.2948, -1.2296



54.5300, 16.0077, -47.8228



135.3390, 38.7799, -118.6923

Inverse Universe

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



34.7930, 4.0461, 8.9515



42.8090, 6.5032, 14.1995



38.9530, -5.3998, 5.3032



21.8260, 0.5788, 1.0296



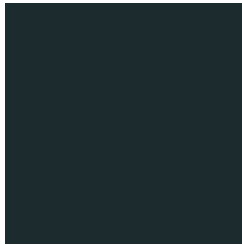
34.7910, 20.8090, 45.7873



85.5320, 51.0097, 112.6664

Previews

White Background



This preview shows how the YUV color 38.7430, 3.0847, -9.4216 looks on a white background.

Color Contrast Check

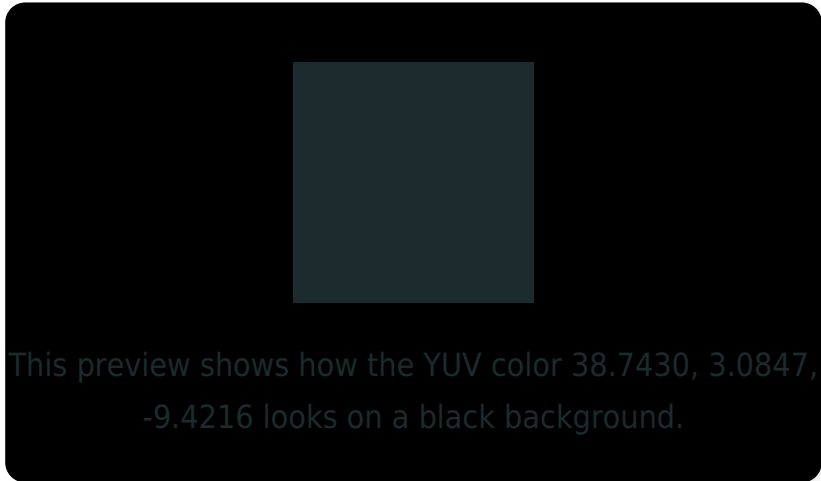
Large Text (above 18pt) WCAG AA ✓ Pass

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

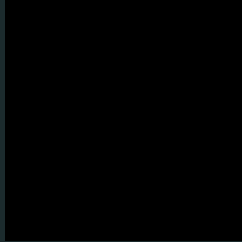
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

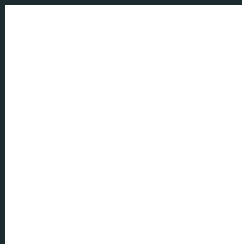
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 38.7430, 3.0847, -9.4216

Background



This preview shows how black text looks on a background with the YUV color 38.7430, 3.0847, -9.4216.



This preview shows how white text looks on a background with the YUV color 38.7430, 3.0847, -9.4216.

-9.4216.

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

38.7430, 3.0847, -9.4216

Protanopia

40.3420, 1.3104, -0.2999

Deuteranopia

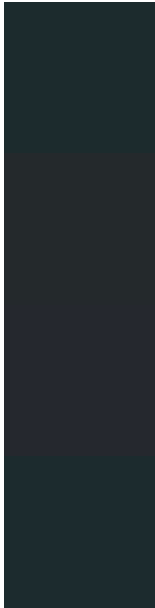
40.6950, 2.6154, 1.1445



Tritanopia

38.8570, 3.5215, -9.5216

Trichromacy



Original Color

38.7430, 3.0847, -9.4216

Protanomaly

39.8470, 2.0474, -3.3738

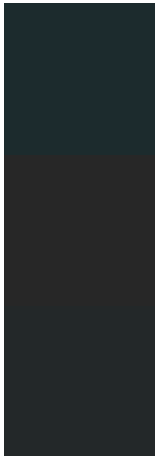
Deuteranomaly

39.7870, 3.0630, -2.4442

Tritanomaly

38.8570, 3.5215, -9.5216

Monochromacy



Original Color

38.7430, 3.0847, -9.4216

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.6190, 1.1738, -3.1739

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.7430, 3.0847, -9.4216 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(28, 43, 45)` looks like.

```
.text, #text, p{  
    color:rgb(28, 43, 45)  
}
```

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(28, 43, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 43, 45) }
```

Border

The CSS property to change the border of an element to YUV 38.7430, 3.0847, -9.4216 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(28, 43, 45) }
```


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

```
.border{ border-color:rgb(28, 43, 45) }
```

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

Here you see how a box with a 4 pixel rgb(28, 43, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 43, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 43, 45);  
box-shadow:4px 4px 4px 4px rgb(28, 43, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.7430, 3.0847, -9.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 43, 45) }
```

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

```
.background{ background-color: rgb(28, 43,  
45) }
```

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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