

Converting Colors

YUV(39.6460, 0.1745, -9.3365)

Have a look what the booklet for
YUV(39.6460, 0.1745, -9.3365)
contains.

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Color

**YUV(39.6460, 0.1745,
-9.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	1D2D28
RGB	29, 45, 40
RGB Percent	11%, 18%, 16%
CMY	0.8863, 0.8235, 0.8431
CMYK	0.36, 0.00, 0.11, 0.82
HSL	161°, 22%, 15%
HSV	161°, 36%, 18%
XYZ	1.8281, 2.2912, 2.3534
YIQ	39.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

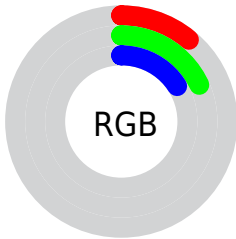
Format	Color
R_YB	29, 38, 45
Decimal	1912104
CIE Lab	16.95, -8.05, 1.09
CIE LCh	17, 8.121, 172.261
Yxy	2.2912, 0.2824, 0.3540
Android (android.graphics.Color)	4280102184 (0xFF1D2D28)
YUV	39.6460, 0.1745, -9.3365
Hunter-Lab	15.1367, -4.9314, 1.3775

Details

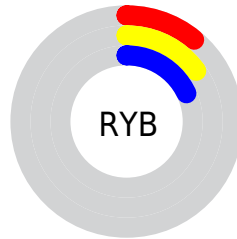
The YUV color **39.6460, 0.1745, -9.3365** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34.3540, -0.1745, 9.3365**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.9340, 0.0325, -10.4661**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.0370, 0.4748, -12.3104**, and if you desaturate by 10%, it is **41.2550, -0.1257, -6.3626**.

Distribution



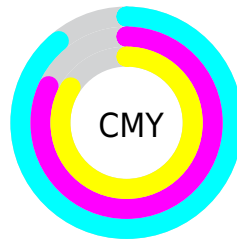
- Red (11%)
- Green (18%)
- Blue (16%)



- Red (11%)
- Yellow (15%)
- Blue (18%)



- Cyan (36%)
- Magenta (0%)
- Yellow (11%)
- Black (82%)



- Cyan (89%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.6460, 0.1745, -9.3365 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 39.6460, 0.1745, -9.3365 by changing the saturation by 10% instead.

■ 39.6460, 0.1745,
-9.3365

■ 39.6460, 0.1745,
-9.3365

■ 255.0000, 0.0000,
0.0000

■ 18.7490, 0.6167,
-11.1809

■ 84.9340, 0.0325,
-10.4661

■ 0.0000, 0.0000,
0.0000

■ 108.9340, 0.0325,
-10.4661

■ 134.5210, -0.2569,
-10.9809

■ 160.6350, 0.1799,
-11.0809

■ 187.6350, 0.1799,
-11.0809

■ 215.2220, -0.1094,

-11.5957

■ 243.9230, 0.0380,
-12.2105

■ 39.6460, 0.1745,
-9.3365

■ 39.6460, 0.1745,
-9.3365

■ 38.0370, 0.4748,
-12.3104

■ 41.2550, -0.1257,
-6.3626

■ 36.6130, 0.1908,
-14.5696

■ 42.6790, 0.1583,
-4.1035

■ 35.0040, 0.4910,
-17.5435

■ 44.2880, -0.1420,
-1.1296

■ 33.5800, 0.2071,
-19.8027

■ 45.7120, 0.1420,
1.1296

■ 31.9710, 0.5073,
-22.7766

■ 47.3210, -0.1583,
4.1035

■ 30.6610, 0.6601,
-25.1357

■ 48.6310, -0.3111,
6.4626

■ 29.9490, 0.5181,
-26.2653

■ 50.3540, -0.1745,
9.3365

■ 51.6640, -0.3274,
11.6957

■ 53.3870, -0.1908,
14.5696

Harmonies

Analogous

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



40.2830, -2.6045, -4.6332



39.6460, 0.1745, -9.3365



39.4330, 3.2375, -11.7807

Triad

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



39.6460, 0.1745, -9.3365



42.2540, 4.8048, -1.0998



42.2030, -4.5371, 8.5920

Complementary

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



39.6460, 0.1745, -9.3365



34.3540, -0.1745, 9.3365

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.



42.7840, -2.3585, 9.8364



39.6460, 0.1745, -9.3365



42.8310, 3.0413, 4.5332

Square

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



39.6460, 0.1745, -9.3365



41.1500, 5.8421, -7.1475



42.8700, 0.5571, 8.0070



41.8390, -5.8366, 5.4032

Rectangle

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



39.6460, 0.1745, -9.3365



39.7750, 4.5479, -12.0807



42.8700, 0.5571, 8.0070



42.6160, -4.2477, 9.1068

Sweetspot

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



39.6460, 0.1745, -9.3365



56.6790, 0.1583, -4.1035



39.8870, -5.3673, -5.1629



29.5760, -0.2840, -2.2592



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.



39.6460, 0.1745, -9.3365



50.3140, 0.3382, -15.1844



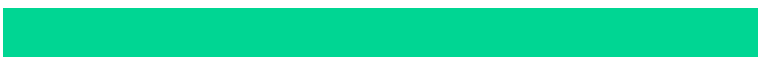
38.4550, 3.2267, -8.2920



22.2880, -0.1420, -1.1296



57.9090, 1.0309, -50.7862



142.3760, 2.2796, -124.8638

Inverse Universe

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



34.3540, -0.1745, 9.3365



41.6860, -0.3382, 15.1844



35.5450, -3.2267, 8.2920



21.5980, -0.2948, 1.2296



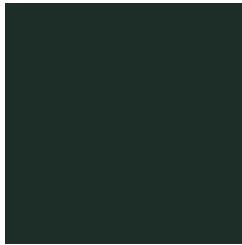
29.0910, -1.0309, 50.7862



71.6240, -2.2796, 124.8638

Previews

White Background



This preview shows how the YUV color 39.6460, 0.1745, -9.3365 looks on a white background.

Color Contrast Check

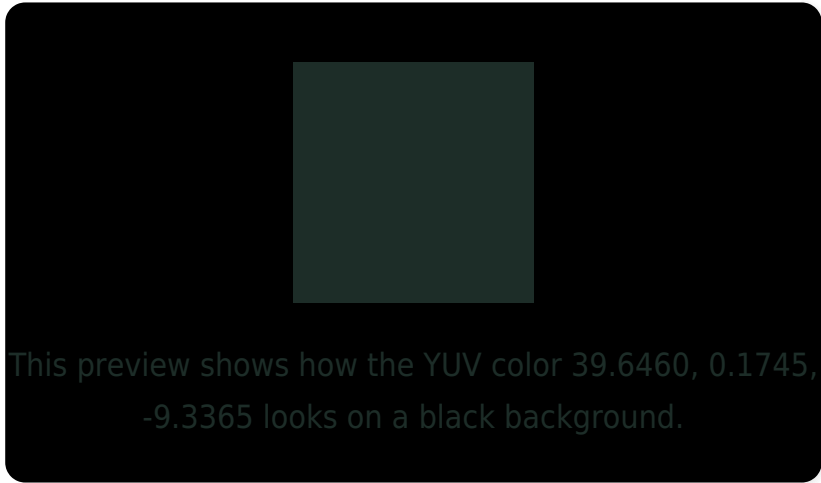
Large Text (above 18pt) WCAG AA ✓ Pass

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

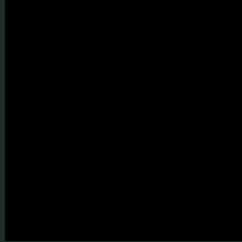
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.6460, 0.1745, -9.3365

Background



This preview shows how black text looks on a background with the YUV color 39.6460, 0.1745, -9.3365.



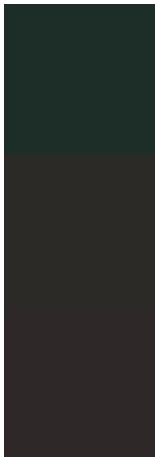
This preview shows how white text looks on a background with the YUV color 39.6460, 0.1745, -9.3365.

-9.3365.

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

39.6460, 0.1745, -9.3365

Protanopia

41.8430, -1.8946, 1.0147

Deuteranopia

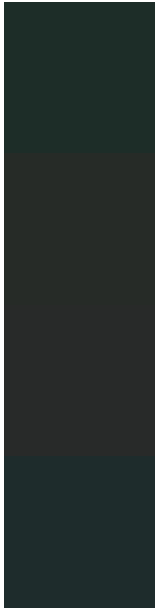
41.9080, -0.4476, 3.5887



Tritanopia

40.4550, 3.2267, -8.2920

Trichromacy



Original Color

39.6460, 0.1745, -9.3365

Protanomaly

41.0490, -1.0102, -2.6740

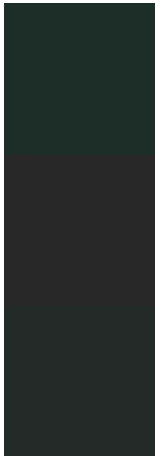
Deuteranomaly

41.2880, -0.1420, -1.1296

Tritanomaly

39.8140, 2.0637, -8.6069

Monochromacy



Original Color

39.6460, 0.1745, -9.3365

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.9780, 0.0108, -3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.6460, 0.1745, -9.3365 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(29, 45, 40)` looks like.

```
.text, #text, p{  
    color:rgb(29, 45, 40)  
}
```

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(29, 45, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 45, 40) }
```

Border

The CSS property to change the border of an element to YUV 39.6460, 0.1745, -9.3365 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(29, 45, 40) }
```


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

```
.border{ border-color:rgb(29, 45, 40) }
```

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

Here you see how a box with a 4 pixel rgb(29, 45, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 45, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 45, 40);  
box-shadow:4px 4px 4px 4px rgb(29, 45, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.6460, 0.1745, -9.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 45, 40) }
```

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

```
.background{ background-color: rgb(29, 45,  
40) }
```

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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