

Converting Colors

YUV(28.3870, -3.6418, 1.4146)

Have a look what the booklet for
YUV(28.3870, -3.6418, 1.4146)
contains.

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Color

**YUV(28.3870, -3.6418,
1.4146)**

Conversions

Conversions Part 1

Format	Color
Hex	1E1D15
RGB	30, 29, 21
RGB Percent	12%, 11%, 8%
CMY	0.8824, 0.8863, 0.9176
CMYK	0.00, 0.03, 0.30, 0.88
HSL	53°, 18%, 10%
HSV	53°, 30%, 12%
XYZ	1.1101, 1.2089, 0.8843
YIQ	28.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

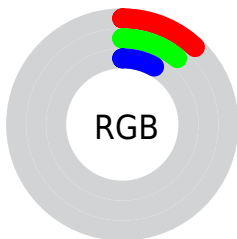
Format	Color
R_{YB}	22, 30, 21
Decimal	1973525
CIE Lab	10.62, -1.31, 5.67
CIE LCh	11, 5.816, 103.007
Yxy	1.2089, 0.3466, 0.3774
Android (android.graphics.Color)	4280163605 (0xFF1E1D15)
YUV	28.3870, -3.6418, 1.4146
Hunter-Lab	10.9950, -1.2183, 2.9279

Details


The YUV color **28.3870, -3.6418, 1.4146** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **22.6130, 3.6418, -1.4146**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.5720, -4.2260, 2.1294**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.0450, -4.9522, 1.7145**, and if you desaturate by 10%, it is **28.7290, -2.3314, 1.1147**.

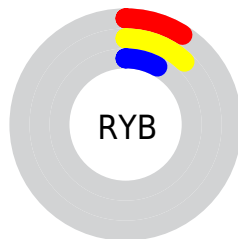
Distribution



 Red (12%)

 Green (11%)

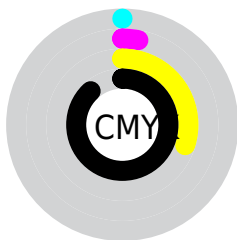
 Blue (8%)



 Red (9%)

 Yellow (12%)

 Blue (8%)

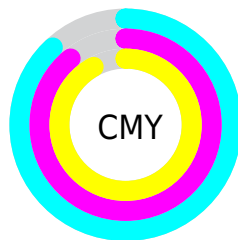



 Cyan (0%)

 Magenta (3%)

 Yellow (30%)

 Black (88%)



 Cyan (88%)

 Magenta (89%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.3870, -3.6418, 1.4146 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 28.3870, -3.6418, 1.4146 by changing the saturation by 10% instead.

■ 28.3870, -3.6418,
1.4146

■ 28.3870, -3.6418,
1.4146

■ 253.9740, -3.9312,
0.8998

■ 1.7610, -0.8682,
-1.5444

■ 71.5720, -4.2260,
2.1294

■ 0.0000, 0.0000,
0.0000

■ 95.5720, -4.2260,
2.1294

■ 120.1590, -4.5154,
1.6146

■ 146.0450, -4.9522,
1.7145

■ 172.3440, -5.0996,
2.3293

■ 199.4580, -4.6628,

2.2293

■ 227.3440, -5.0996,
2.3293

■ 28.3870, -3.6418,
1.4146

■ 28.3870, -3.6418,
1.4146

■ 28.0450, -4.9522,
1.7145

■ 28.7290, -2.3314,
1.1147

■ 27.1160, -5.9732,
2.5293

■ 29.6580, -1.3104,
0.2999

■ 26.7740, -7.2836,
2.8292

■ 30.0000, 0.0000,
0.0000

■ 26.4320, -8.5940,
3.1291

■ 30.3420, 1.3104,
-0.2999

■ 25.5030, -9.6150,
3.9439

■ 31.2710, 2.3314,
-1.1147

■ 25.1610, -10.9254,
4.2438

■ 31.6130, 3.6418,
-1.4146

■ 24.8190, -12.2358,
4.5437

■ 31.9550, 4.9522,
-1.7145

■ 32.8840, 5.9732,
-2.5293

■ 33.2260, 7.2836,
-2.8292

Harmonies

Analogous

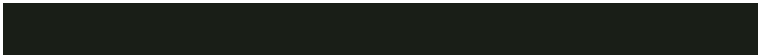
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.9960, -3.9420, 4.3885



28.3870, -3.6418, 1.4146



27.7070, -2.3206, -2.3740

Triad

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



28.3870, -3.6418, 1.4146



27.4550, 3.2267, -8.2920



29.2610, 0.8573, 5.0331

Complementary

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



28.3870, -3.6418, 1.4146



22.6130, 3.6418, -1.4146

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.



29.2930, 2.3206, 2.3740



28.3870, -3.6418, 1.4146



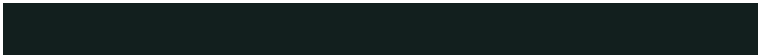
28.2920, 3.8000, -5.5181

Square

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



28.3870, -3.6418, 1.4146



26.9990, 1.4795, -7.8921



28.3140, 3.7892, -2.0294



29.4030, -1.1847, 6.6626

Rectangle

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



28.3870, -3.6418, 1.4146



27.9240, -1.4415, -4.3183



28.3140, 3.7892, -2.0294



29.0760, 1.4415, 4.3183

Sweetspot

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



28.3870, -3.6418, 1.4146



37.6580, -1.3104, 0.2999



23.8050, -0.8899, 5.4330



19.7720, -0.8736, 0.2000



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



28.3870, -3.6418, 1.4146



35.8170, -5.8258, 1.9145



28.0770, -3.4890, -0.9445



14.8860, -0.4368, 0.1000



64.7110, -31.9025, 12.5315



169.9010, -83.7612, 32.5358

Inverse Universe

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



22.6130, 3.6418, -1.4146



26.7700, 5.5364, -2.4293



22.9230, 3.4890, 0.9445



14.1140, 0.4368, -0.1000



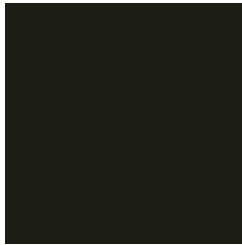
14.2890, 31.9025, -12.5315



37.0990, 83.7612, -32.5358

Previews

White Background



This preview shows how the YUV color 28.3870, -3.6418, 1.4146 looks on a white background.

Color Contrast Check

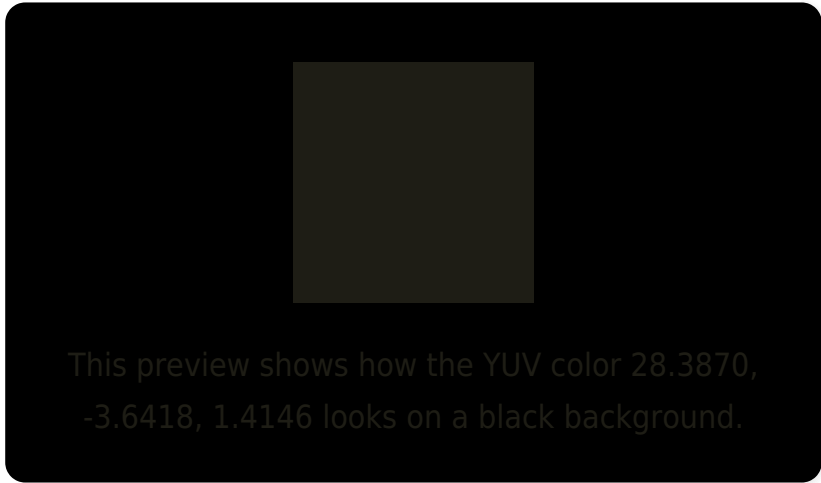
Large Text (above 18pt) WCAG AA ✓ Pass

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

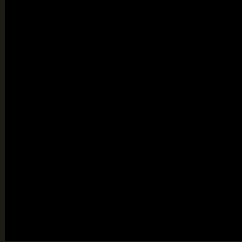
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.3870, -3.6418, 1.4146

Background



This preview shows how black text looks on a background with the YUV color 28.3870, -3.6418, 1.4146.

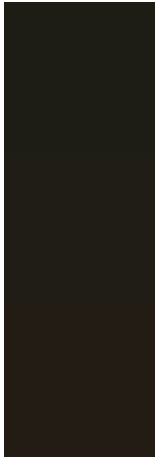


This preview shows how white text looks on a background with the YUV color 28.3870, -3.6418,

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

28.3870, -3.6418, 1.4146

Protanopia

28.6860, -3.7892, 2.0294

Deuteranopia

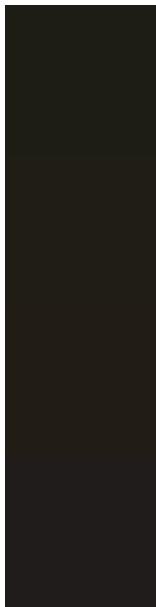
28.9960, -3.9420, 4.3885



Tritanopia

29.1250, 0.4314, 1.6444

Trichromacy



Original Color

28.3870, -3.6418, 1.4146

Protanomaly

28.6860, -3.7892, 2.0294

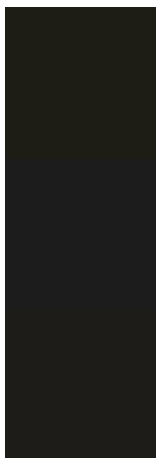
Deuteranomaly

28.6970, -3.7946, 3.7737

Tritanomaly

28.7830, -0.8790, 1.9443

Monochromacy



Original Color

28.3870, -3.6418, 1.4146

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.3870, -3.6418, 1.4146 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(30, 29, 21)` looks like.

```
.text, #text, p{  
    color:rgb(30, 29, 21)  
}
```

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(30, 29, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 29, 21) }
```

Border

The CSS property to change the border of an element to YUV 28.3870, -3.6418, 1.4146 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(30, 29, 21) }
```


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

```
.border{ border-color:rgb(30, 29, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 29, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 29, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 29, 21);  
box-shadow:4px 4px 4px 4px rgb(30, 29, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.3870, -3.6418, 1.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 29, 21) }
```

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

```
.background{ background-color: rgb(30, 29,  
21) }
```

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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