

Converting Colors

YUV(28.9140, -2.9156, 1.8294)

Have a look what the booklet for
YUV(28.9140, -2.9156, 1.8294)
contains.

YUV(28.9140, -2.9156, 1.8294)	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(28.9140, -2.9156,
1.8294)**

Conversions

Conversions Part 1

Format	Color
Hex	1F1D17
RGB	31, 29, 23
RGB Percent	12%, 11%, 9%
CMY	0.8784, 0.8863, 0.9098
CMYK	0.00, 0.06, 0.26, 0.88
HSL	45°, 15%, 11%
HSV	45°, 26%, 12%
XYZ	1.1591, 1.2319, 0.9873
YIQ	28.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

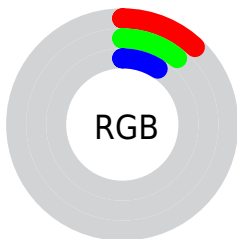
Format	Color
RYB	26, 31, 23
Decimal	2039063
CIELab	10.79, -0.39, 4.49
CIElCh	11, 4.502, 94.955
Yxy	1.2319, 0.3431, 0.3647
Android (android.graphics.Color)	4280229143 (0xFF1F1D17)
YUV	28.9140, -2.9156, 1.8294
Hunter-Lab	11.0991, -0.7824, 2.4953

Details


The YUV color **28.9140, -2.9156, 1.8294** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25.0860, 2.9156, -1.8294**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.2130, -3.0630, 2.4442**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.9850, -3.9366, 2.6442**, and if you desaturate by 10%, it is **29.8430, -1.8946, 1.0147**.

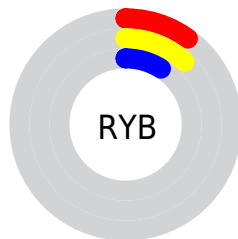
Distribution



 Red (12%)

 Green (11%)

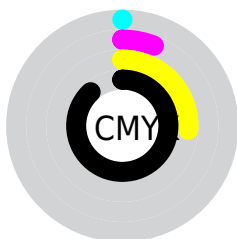
 Blue (9%)



 Red (10%)

 Yellow (12%)

 Blue (9%)

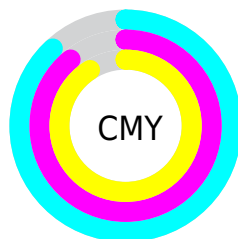



 Cyan (0%)

 Magenta (6%)

 Yellow (26%)

 Black (88%)



 Cyan (88%)

 Magenta (89%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.9140, -2.9156, 1.8294 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 28.9140, -2.9156, 1.8294 by changing the saturation by 10% instead.

■ 28.9140, -2.9156,
1.8294

■ 28.9140, -2.9156,
1.8294

■ 254.3160, -2.6208,
0.5999

■ 2.6580, -1.3104,
0.2999

■ 72.2130, -3.0630,
2.4442

■ 0.0000, 0.0000,
0.0000

■ 96.0990, -3.4998,
2.5442

■ 120.9850, -3.9366,
2.6442

■ 146.6860, -3.7892,
2.0294

■ 172.9850, -3.9366,
2.6442

■ 200.2840, -4.0840,

3.2589

■ 228.2840, -4.0840,
3.2589

■ 28.9140, -2.9156,
1.8294

■ 28.9140, -2.9156,
1.8294

■ 27.9850, -3.9366,
2.6442

■ 29.8430, -1.8946,
1.0147

■ 27.0560, -4.9576,
3.4589

■ 30.7720, -0.8736,
0.2000

■ 26.7140, -6.2680,
3.7588

■ 31.1140, 0.4368,
-0.1000

■ 25.7850, -7.2890,
4.5736

■ 32.0430, 1.4578,
-0.9147

■ 24.7420, -8.7468,
5.4883

■ 33.0860, 2.9156,
-1.8294

■ 23.8130, -9.7678,
6.3030

■ 34.0150, 3.9366,
-2.6442

■ 23.4710, -11.0782,
6.6029

■ 34.3570, 5.2470,
-2.9441

■ 22.7700, -11.2256,
7.2177

■ 35.2860, 6.2680,
-3.7588

■ 36.2150, 7.2890,
-4.5736

Harmonies

Analogous

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



29.3380, -2.6316, 4.0886



28.9140, -2.9156, 1.8294



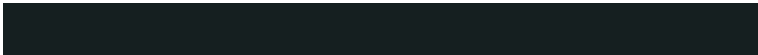
28.7180, -2.3260, -0.6297

Triad

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



28.9140, -2.9156, 1.8294



28.1240, 1.9109, -6.2477



29.6630, 1.1521, 3.8035

Complementary

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



28.9140, -2.9156, 1.8294



25.0860, 2.9156, -1.8294

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.



29.2820, 2.3260, 0.6297



28.9140, -2.9156, 1.8294



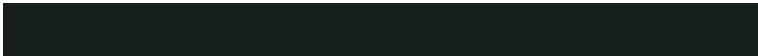
28.3630, 2.7790, -4.7034

Square

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



28.9140, -2.9156, 1.8294



28.0810, 0.4531, -5.3330



28.7870, 3.0630, -2.4442



29.6200, -0.3057, 4.7183

Rectangle

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



28.9140, -2.9156, 1.8294



27.9350, -1.4470, -2.5740



28.7870, 3.0630, -2.4442



30.0650, 1.4470, 2.5740

Sweetspot

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



28.9140, -2.9156, 1.8294



40.0710, -1.0210, 0.8147



25.6200, -0.3057, 4.7183



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.



28.9140, -2.9156, 1.8294



37.7570, -4.8102, 2.8441



29.4900, -3.1996, -0.4297



14.8860, -0.4368, 0.1000



58.2540, -28.7192, 18.1942



152.8780, -75.3689, 47.4650

Inverse Universe

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



25.0860, 2.9156, -1.8294



31.2430, 4.8102, -2.8441



24.5100, 3.1996, 0.4297



14.1140, 0.4368, -0.1000



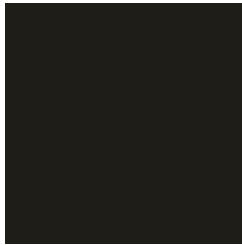
20.7460, 28.7192, -18.1942



54.1220, 75.3689, -47.4650

Previews

White Background



This preview shows how the YUV color 28.9140, -2.9156, 1.8294 looks on a white background.

Color Contrast Check

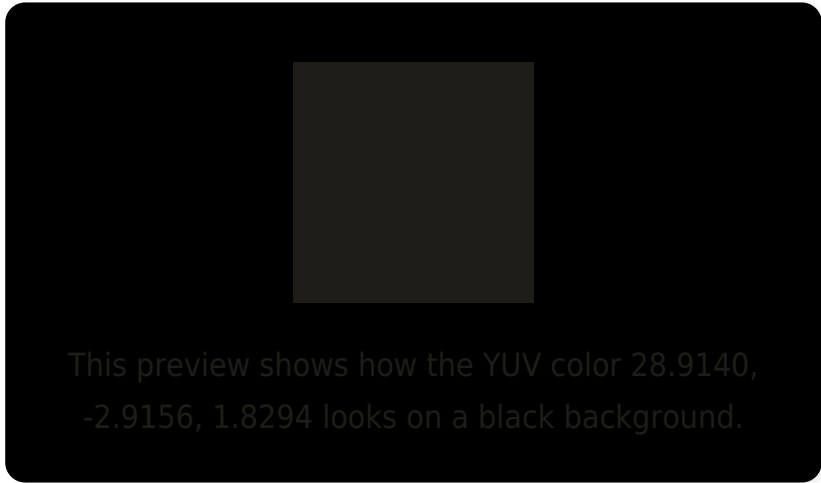
Large Text (above 18pt) WCAG AA ✓ Pass

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

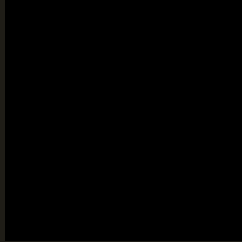
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.9140, -2.9156, 1.8294

Background



This preview shows how black text looks on a background with the YUV color 28.9140, -2.9156, 1.8294.



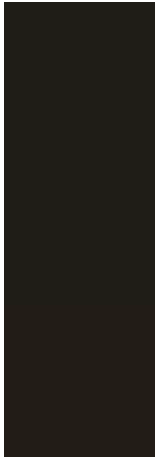
This preview shows how white text looks on a background with the YUV color 28.9140, -2.9156,

1.8294.

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

28.9140, -2.9156, 1.8294

Protanopia

28.9140, -2.9156, 1.8294

Deuteranopia

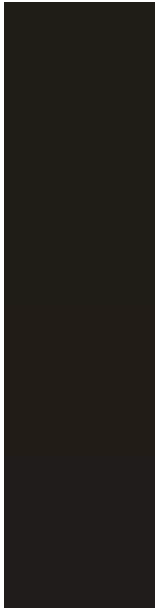
29.2240, -3.0684, 4.1886



Tritanopia

29.4240, 0.2840, 2.2592

Trichromacy



Original Color

28.9140, -2.9156, 1.8294

Protanomaly

28.9140, -2.9156, 1.8294

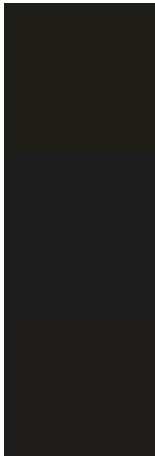
Deuteranomaly

28.9250, -2.9210, 3.5738

Tritanomaly

29.0820, -1.0264, 2.5591

Monochromacy



Original Color

28.9140, -2.9156, 1.8294

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.0710, -1.0210, 0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.9140, -2.9156, 1.8294 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(31, 29, 23)` looks like.

```
.text, #text, p{  
    color:rgb(31, 29, 23)  
}
```

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(31, 29, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 29, 23) }
```

Border

The CSS property to change the border of an element to YUV 28.9140, -2.9156, 1.8294 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(31, 29, 23) }
```


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

```
.border{ border-color:rgb(31, 29, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 29, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 29, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 29, 23);  
box-shadow:4px 4px 4px 4px rgb(31, 29, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.9140, -2.9156, 1.8294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 29, 23) }
```

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

```
.background{ background-color: rgb(31, 29,  
23) }
```

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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