

Converting Colors

YUV(28.7400, -2.3368, 2.8590)

Have a look what the booklet for
YUV(28.7400, -2.3368, 2.8590)
contains.

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Color

**YUV(28.7400, -2.3368,
2.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	201C18
RGB	32, 28, 24
RGB Percent	13%, 11%, 9%
CMY	0.8745, 0.8902, 0.9059
CMYK	0.00, 0.12, 0.25, 0.87
HSL	30°, 14%, 11%
HSV	30°, 25%, 13%
XYZ	1.1758, 1.2035, 1.0345
YIQ	28.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

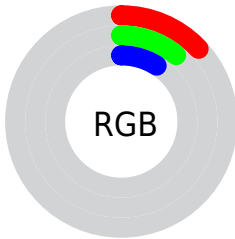
Format	Color
R_{YB}	32, 32, 24
Decimal	2104344
CIE _{Lab}	10.58, 1.05, 3.47
CIE _{LCh}	11, 3.630, 73.118
Yxy	1.2035, 0.3444, 0.3525
Android (android.graphics.Color)	4280294424 (0xFF201C18)
YUV	28.7400, -2.3368, 2.8590
Hunter-Lab	10.9706, -0.0674, 2.0885

Details


The YUV color **28.7400, -2.3368, 2.8590** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **27.2600, 2.3368, -2.8590**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.0390, -2.4842, 3.4738**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.2240, -3.0684, 4.1886**, and if you desaturate by 10%, it is **30.2560, -1.6052, 1.5295**.

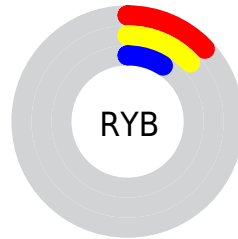
Distribution




 Red (13%)

 Green (11%)

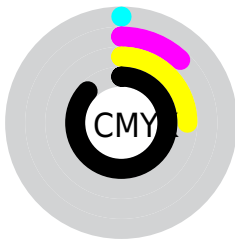
 Blue (9%)




 Red (13%)

 Yellow (13%)

 Blue (9%)

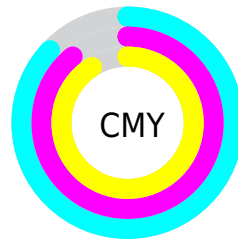



 Cyan (0%)


 Magenta (12%)

 Yellow (25%)

 Black (87%)



 Cyan (87%)

 Magenta (89%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.7400, -2.3368, 2.8590 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 28.7400, -2.3368, 2.8590 by changing the saturation by 10% instead.

■ 28.7400, -2.3368,
2.8590

■ 28.7400, -2.3368,
2.8590

■ 254.4300, -2.1840,
0.4999

■ 2.3810, -1.1738,
3.1739

■ 72.0390, -2.4842,
3.4738

■ 0.0000, 0.0000,
0.0000

■ 95.9250, -2.9210,
3.5738

■ 120.9250, -2.9210,
3.5738

■ 146.2240, -3.0684,
4.1886

■ 172.8110, -3.3578,
3.6738

■ 200.2240, -3.0684,

4.1886

■ 228.1100, -3.5052,
4.2885

■ 28.7400, -2.3368,
2.8590

■ 28.7400, -2.3368,
2.8590

■ 27.2240, -3.0684,
4.1886

■ 30.2560, -1.6052,
1.5295

■ 26.2950, -4.0894,
5.0033

■ 31.1850, -0.5842,
0.7148

■ 24.6650, -5.2578,
6.4328

■ 32.8150, 0.5842,
-0.7148

■ 23.7360, -6.2788,
7.2475

■ 33.7440, 1.6052,
-1.5295

■ 22.2200, -7.0105,
8.5771

■ 35.2600, 2.3368,
-2.8590

■ 20.7040, -7.7421,
9.9066

■ 36.7760, 3.0684,
-4.1886

■ 19.7750, -8.7631,
10.7213

■ 37.7050, 4.0894,
-5.0033

■ 18.9600, -9.3473,
11.4361

■ 39.3350, 5.2578,
-6.4328

■ 40.2640, 6.2788,
-7.2475

Harmonies

Analogous

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



28.8650, -1.9054, 4.5034



28.7400, -2.3368, 2.8590



28.7290, -2.3314, 1.1147

Triad

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



28.7400, -2.3368, 2.8590



27.9070, 1.0318, -4.3034



29.0540, 1.4524, 0.8296

Complementary

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



28.7400, -2.3368, 2.8590



27.2600, 2.3368, -2.8590

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.



28.2710, 2.3314, -1.1147



28.7400, -2.3368, 2.8590



28.1350, 1.9054, -4.5034

Square

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



28.7400, -2.3368, 2.8590



27.8640, -0.4260, -3.3887



27.9610, 2.4842, -3.4738



29.1360, 0.4260, 3.3887

Rectangle

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



28.7400, -2.3368, 2.8590



28.1310, -2.0366, -0.1149



27.9610, 2.4842, -3.4738



28.8690, 2.0366, 0.1149

Sweetspot

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



28.7400, -2.3368, 2.8590



39.4840, -0.7316, 1.3295



26.8480, 0.5679, 4.5183



19.1850, -0.5842, 0.7148



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.



28.7400, -2.3368, 2.8590



36.1100, -3.5052, 4.2885



31.0880, -3.4944, 0.7998



14.8860, -0.4368, 0.1000



47.1010, -23.2208, 27.9754



122.3540, -60.3205, 74.2345

Inverse Universe

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



27.2600, 2.3368, -2.8590



33.8900, 3.5052, -4.2885



24.9120, 3.4944, -0.7998



14.7010, 0.1474, -0.6148



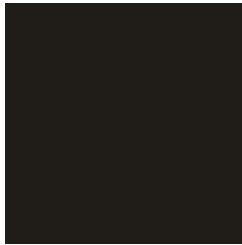
32.4860, 22.9314, -28.4902



84.0590, 60.6099, -73.7197

Previews

White Background



This preview shows how the YUV color 28.7400, -2.3368, 2.8590 looks on a white background.

Color Contrast Check

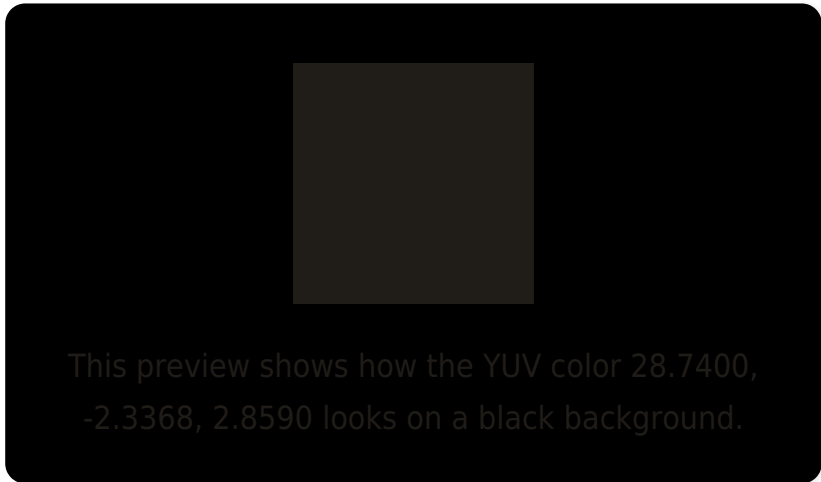
Large Text (above 18pt) WCAG AA ✓ Pass

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

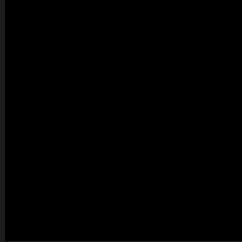
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.7400, -2.3368, 2.8590

Background



This preview shows how black text looks on a background with the YUV color 28.7400, -2.3368, 2.8590.

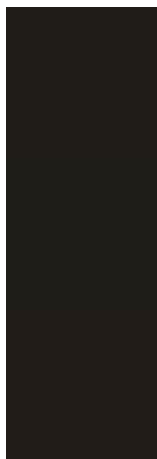


This preview shows how white text looks on a background with the YUV color 28.7400, -2.3368,

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

28.7400, -2.3368, 2.8590

Protanopia

28.7290, -2.3314, 1.1147

Deuteranopia

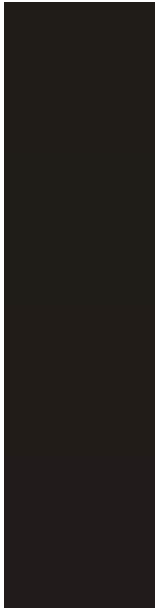
29.0390, -2.4842, 3.4738



Tritanopia

29.0220, -0.0108, 3.4887

Trichromacy



Original Color

28.7400, -2.3368, 2.8590

Protanomaly

29.0280, -2.4788, 1.7294

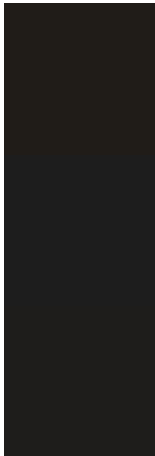
Deuteranomaly

29.0390, -2.4842, 3.4738

Tritanomaly

28.7940, -0.8844, 3.6887

Monochromacy



Original Color

28.7400, -2.3368, 2.8590

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 28.7400, -2.3368, 2.8590 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(32, 28, 24)` looks like.

```
.text, #text, p{  
    color:rgb(32, 28, 24)  
}
```

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(32, 28, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 28, 24) }
```

Border

The CSS property to change the border of an element to YUV 28.7400, -2.3368, 2.8590 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(32, 28, 24) }
```


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

```
.border{ border-color:rgb(32, 28, 24) }
```

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

Here you see how a box with a 4 pixel rgb(32, 28, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 28, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 28, 24);  
box-shadow:4px 4px 4px 4px rgb(32, 28, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.7400, -2.3368, 2.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 28, 24) }
```

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

```
.background{ background-color: rgb(32, 28,  
24) }
```

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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