

Converting Colors

YUV(12.7400, -2.3368, 2.8590)

Have a look what the booklet for
YUV(12.7400, -2.3368, 2.8590)
contains.

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Color

**YUV(12.7400, -2.3368,
2.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	100C08
RGB	16, 12, 8
RGB Percent	6%, 5%, 3%
CMY	0.9373, 0.9529, 0.9686
CMYK	0.00, 0.25, 0.50, 0.94
HSL	30°, 33%, 5%
HSV	30°, 50%, 6%
XYZ	0.3890, 0.3906, 0.2846
YIQ	12.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

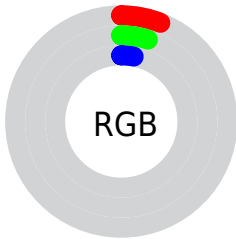
Format	Color
RYB	16, 16, 8
Decimal	1051656
CIELab	3.53, 0.73, 2.01
CIELCh	4, 2.139, 70.187
Yxy	0.3906, 0.3655, 0.3671
Android (android.graphics.Color)	4279241736 (0xFF100C08)
YUV	12.7400, -2.3368, 2.8590
Hunter-Lab	6.2501, 0.1717, 1.6750

Details

The YUV color **12.7400, -2.3368, 2.8590** is a dark color, and the websafe version is hex **000000**, and the color name is [smoky black](#). A complement of this color would be **11.2600, 2.3368, -2.8590**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.2560, -1.6052, 1.5295**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.9250, -2.9210, 3.5738**, and if you desaturate by 10%, it is **13.5550, -1.7526, 2.1443**.

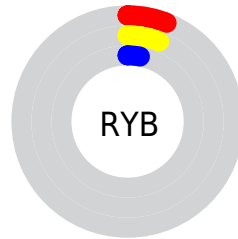
Distribution



Red (6%)

Green (5%)

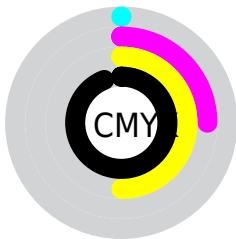
Blue (3%)



Red (6%)

Yellow (6%)

Blue (3%)

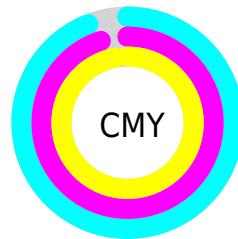


Cyan (0%)

Magenta (25%)

Yellow (50%)

Black (94%)



Cyan (94%)

Magenta (95%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 12.7400, -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 12.7400, -2.3368, 2.8590 by changing the saturation by 10% instead.

■ 12.7400, -2.3368,
2.8590

■ 12.7400, -2.3368,
2.8590

■ 236.8540, -1.9000,
2.7590

■ 0.0000, 0.0000,
0.0000

■ 56.2560, -1.6052,
1.5295

■ 78.6690, -1.3158,
2.0443

■ 102.9680, -1.4632,
2.6591

■ 127.8540, -1.9000,
2.7590

■ 153.8540, -1.9000,
2.7590

■ 180.8540, -1.9000,

2.7590

■ 208.4410, -2.1894,
2.2442

■ 12.7400, -2.3368,
2.8590

■ 12.7400, -2.3368,
2.8590

■ 11.9250, -2.9210,
3.5738

■ 13.5550, -1.7526,
2.1443

■ 11.2240, -3.0684,
4.1886

■ 14.2560, -1.6052,
1.5295

■ 10.9960, -3.9420,
4.3885

■ 14.4840, -0.7316,
1.3295

■ 10.2950, -4.0894,
5.0033

■ 15.1850, -0.5842,
0.7148

■ 9.4800, -4.6736,
5.7180

■ 16.0000, 0.0000,
0.0000

■ 16.8150, 0.5842,
-0.7148

■ 17.5160, 0.7316,
-1.3295

■ 17.7440, 1.6052,
-1.5295

■ 18.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



12.6800, -1.3212, 3.7886



12.7400, -2.3368, 2.8590



12.7290, -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.



12.7400, -2.3368, 2.8590



11.7930, 0.5951, -4.2035



13.0540, 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.



12.7400, -2.3368, 2.8590



11.2600, 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.



12.8580, 2.0420, -1.6295



12.7400, -2.3368, 2.8590



12.0210, 1.4686, -4.4034

Square

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



12.7400, -2.3368, 2.8590



11.8640, -0.4260, -3.3887



12.1460, 1.9000, -2.7590



12.8370, 0.5734, 2.7740

Rectangle

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



12.7400, -2.3368, 2.8590



12.1310, -2.0366, -0.1149



12.1460, 1.9000, -2.7590



12.7550, 1.5998, 0.2149

Sweetspot

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



12.7400, -2.3368, 2.8590



19.0710, -1.0210, 0.8147



10.8480, 0.5679, 4.5183



9.1850, -0.5842, 0.7148



138.0000, 0.0000, 0.0000



10.0000, 0.0000, 0.0000

Same Dimension

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



12.7400, -2.3368, 2.8590



15.1100, -3.5052, 4.2885



15.0880, -3.4944, 0.7998



7.2990, -0.1474, 0.6148



42.3610, -20.8840, 25.1164



117.6140, -57.9837, 71.3755

Inverse Universe

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



11.2600, 2.3368, -2.8590



12.8900, 3.5052, -4.2885



8.9120, 3.4944, -0.7998



7.1140, 0.4368, -0.1000



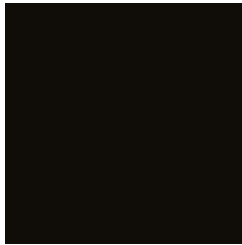
29.2260, 20.5946, -25.6312



80.7990, 58.2731, -70.8607

Previews

White Background



This preview shows how the YUV color 12.7400, -2.3368, 2.8590 looks on a white background.

Color Contrast Check

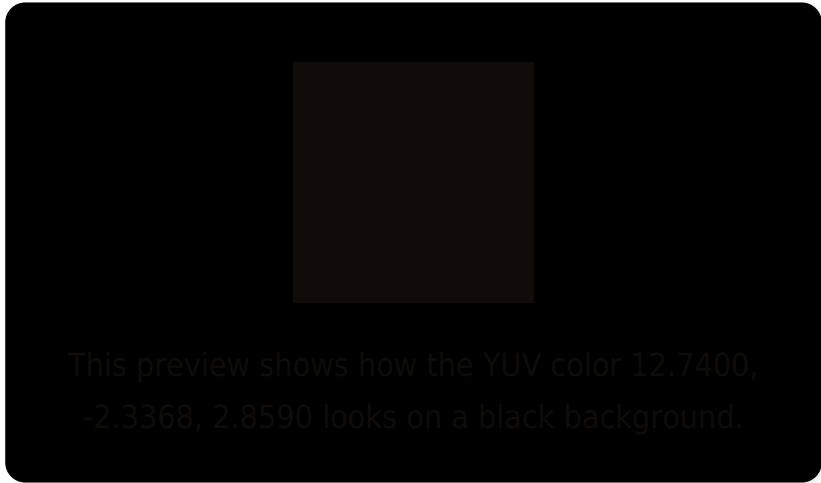
Large Text (above 18pt) WCAG AA ✓ Pass

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

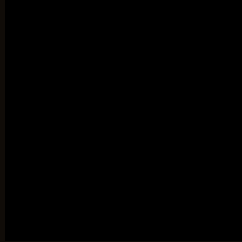
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 12.7400, -2.3368, 2.8590

Background



This preview shows how black text looks on a background with the YUV color 12.7400, -2.3368, 2.8590.



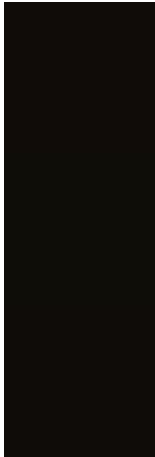
This preview shows how white text looks on a background with the YUV color 12.7400, -2.3368,

2.8590.

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

12.7400, -2.3368, 2.8590

Protanopia

12.7290, -2.3314, 1.1147

Deuteranopia

12.4410, -2.1894, 2.2442



Tritanopia

12.6090, -0.3002, 2.9739

Trichromacy



Original Color

12.7400, -2.3368, 2.8590

Protanomaly

13.0280, -2.4788, 1.7294

Deuteranomaly

12.4410, -2.1894, 2.2442

Tritanomaly

12.4950, -0.7370, 3.0739

Monochromacy



Original Color

12.7400, -2.3368, 2.8590

Achromatopsia

13.0000, 0.0000, 0.0000

Achromatomaly

13.0710, -1.0210, 0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 12.7400, -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(16, 12, 8)` looks like.

```
.text, #text, p{  
    color:rgb(16, 12, 8)  
}
```

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(16, 12, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 12, 8) }
```

Border

The CSS property to change the border of an element to YUV 12.7400, -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(16, 12, 8) }
```


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

```
.border{ border-color:rgb(16, 12, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 12, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 12, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(16, 12, 8); box-shadow:4px  
4px 4px 4px rgb(16, 12, 8) }
```

Background

The CSS property to change the background color of an element to YUV 12.7400, -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(16, 12, 8) }
```

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

```
.background{ background-color: rgb(16, 12,  
8) }
```

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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