

Converting Colors

YUV(28.9230, 0.0380, -12.2105)

Have a look what the booklet for
YUV(28.9230, 0.0380, -12.2105)
contains.

YUV(28.9230, 0.0380, -12.2105)	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(28.9230, 0.0380,
-12.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	0F241D
RGB	15, 36, 29
RGB Percent	6%, 14%, 11%
CMY	0.9412, 0.8588, 0.8863
CMYK	0.58, 0.00, 0.19, 0.86
HSL	160°, 41%, 10%
HSV	160°, 58%, 14%
XYZ	1.0496, 1.4520, 1.3873
YIQ	28.9230, -10.2690, -6.6290

Conversions

Conversions Part 2

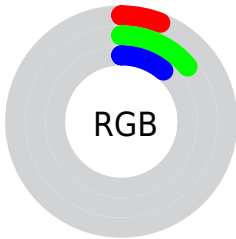
Format	Color
R_{YB}	15, 28, 36
Decimal	992285
CIE _{Lab}	12.30, -10.64, 2.08
CIE _{LCh}	12, 10.838, 168.937
Yxy	1.4520, 0.2699, 0.3734
Android (android.graphics.Color)	4279182365 (0xFF0F241D)
YUV	28.9230, 0.0380, -12.2105
Hunter-Lab	12.0500, -5.5387, 1.6088

Details

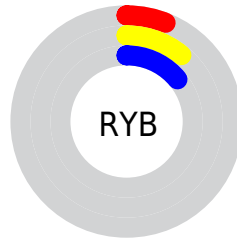
The YUV color **28.9230, 0.0380, -12.2105** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22.0770, -0.0380, 12.2105**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.0970, -0.5408, -13.2401**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.6130, 0.1908, -14.5696**, and if you desaturate by 10%, it is **30.2330, -0.1149, -9.8513**.

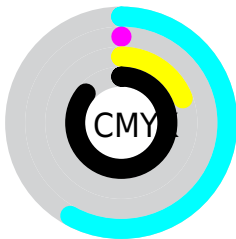
Distribution



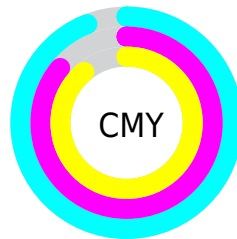
- Red (6%)
- Green (14%)
- Blue (11%)



- Red (6%)
- Yellow (11%)
- Blue (14%)



- Cyan (58%)
- Magenta (0%)
- Yellow (19%)
- Black (86%)



- Cyan (94%)
- Magenta (86%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.9230, 0.0380, -12.2105 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 28.9230, 0.0380, -12.2105 by changing the saturation by 10% instead.

■ 28.9230, 0.0380,
-12.2105

■ 28.9230, 0.0380,
-12.2105

■ 250.8140, 2.0637,
-8.6069

■ 9.1470, -3.0305,
-8.0219

■ 73.0970, -0.5408,
-13.2401

■ 0.0000, 0.0000,
0.0000

■ 97.0970, -0.5408,
-13.2401

■ 121.7980, -0.3934,
-13.8548

■ 147.4990, -0.2460,
-14.4696

■ 174.3850, -0.6828,
-14.3696

■ 201.9720, -0.9722,

-14.8844

■ 229.7870, -0.3880,
-15.5992

■ 28.9230, 0.0380,
-12.2105

■ 28.9230, 0.0380,
-12.2105

■ 27.6130, 0.1908,
-14.5696

■ 30.2330, -0.1149,
-9.8513

■ 26.6020, 0.1962,
-16.3140

■ 31.2440, -0.1203,
-8.1070

■ 25.1780, -0.0878,
-18.5731

■ 32.6680, 0.1637,
-5.8478

■ 24.1670, -0.0823,
-20.3175

■ 33.6790, 0.1583,
-4.1035

■ 23.8680, 0.0651,
-20.9322

■ 34.9890, 0.0054,
-1.7444

■ 36.2990, -0.1474,
0.6148

■ 37.3100, -0.1528,
2.3591

■ 38.7340, 0.1311,
4.6183

■ 39.7450, 0.1257,
6.3626

Harmonies

Analogous

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



30.2290, -4.0569, -5.4628



28.9230, 0.0380, -12.2105



27.7420, 4.5642, -17.3137

Triad

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



28.9230, 0.0380, -12.2105



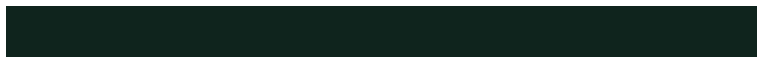
32.1120, 6.8468, -2.7292



32.2850, -5.5635, 11.1511

Complementary

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



28.9230, 0.0380, -12.2105



22.0770, -0.0380, 12.2105

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.



33.0940, -2.5113, 12.1956



28.9230, 0.0380, -12.2105



33.4720, 4.2043, 4.8481

Square

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



28.9230, 0.0380, -12.2105



30.6980, 8.0369, -11.1361



33.2940, 0.8411, 10.2662



32.0950, -7.4418, 6.9327

Rectangle

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



28.9230, 0.0380, -12.2105



27.8990, 6.4588, -18.3284



33.2940, 0.8411, 10.2662



32.8120, -4.8373, 11.5659

Sweetspot

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



28.9230, 0.0380, -12.2105



43.2660, -0.1311, -4.6183



29.4200, -7.1091, -6.5073



21.2770, -0.1366, -2.8739



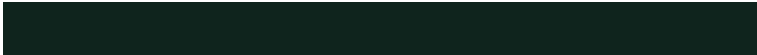
150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



28.9230, 0.0380, -12.2105



35.1780, -0.0878, -18.5731



27.3730, 4.2531, -10.8511



17.2880, -0.1420, -1.1296



54.2900, -0.1430, -47.6123



138.5290, 0.2322, -121.4899

Inverse Universe

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



22.0770, -0.0380, 12.2105



24.7080, -0.3490, 18.6731



23.0400, -3.9637, 11.3659



16.7120, 0.1420, 1.1296



27.5960, -0.2938, 47.7123



70.4710, -0.2322, 121.4899

Previews

White Background



This preview shows how the YUV color 28.9230, 0.0380, -12.2105 looks on a white background.

Color Contrast Check

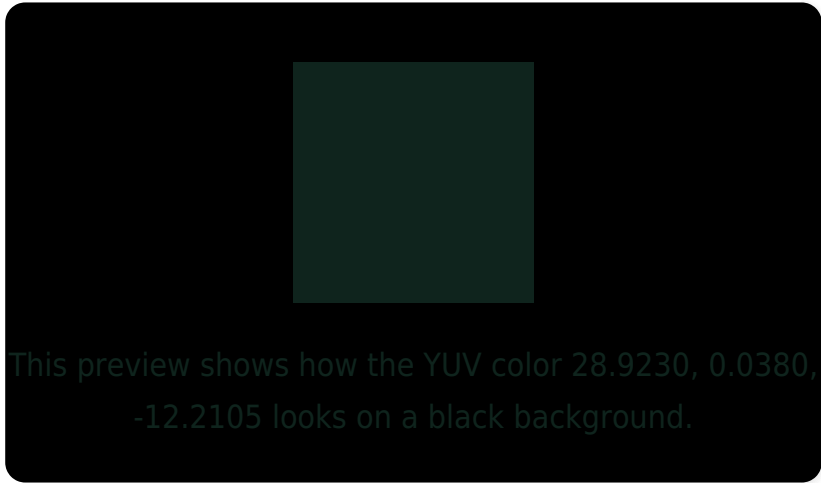
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9230, 0.0380, -12.2105

Background



This preview shows how black text looks on a background with the YUV color 28.9230, 0.0380, -12.2105.



This preview shows how white text looks on a background with the YUV color 28.9230, 0.0380,

-12.2105.

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

28.9230, 0.0380, -12.2105

Protanopia

32.0280, -2.4788, 1.7294

Deuteranopia

32.3810, -1.1738, 3.1739



Tritanopia

30.2590, 3.8163, -10.7511

Trichromacy



Original Color

28.9230, 0.0380, -12.2105

Protanomaly

30.6360, -1.2995, -3.1888

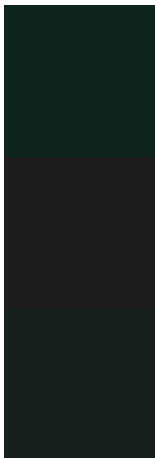
Deuteranomaly

31.1630, -0.5734, -2.7740

Tritanomaly

29.6180, 2.6533, -11.0660

Monochromacy



Original Color

28.9230, 0.0380, -12.2105

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.2660, -0.1311, -4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.9230, 0.0380, -12.2105 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(15, 36, 29)` looks like.

```
.text, #text, p{  
    color:rgb(15, 36, 29)  
}
```

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(15, 36, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 36, 29) }
```

Border

The CSS property to change the border of an element to YUV 28.9230, 0.0380, -12.2105 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(15, 36, 29) }
```


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

```
.border{ border-color:rgb(15, 36, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 36, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 36, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 36, 29);  
box-shadow:4px 4px 4px 4px rgb(15, 36, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.9230, 0.0380, -12.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 36, 29) }
```

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

```
.background{ background-color: rgb(15, 36,  
29) }
```

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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