

Converting Colors

YUV(45.2630, 4.3073, -28.2947)

Have a look what the booklet for
YUV(45.2630, 4.3073, -28.2947)
contains.

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Color

**YUV(45.2630, 4.3073,
-28.2947)**

Conversions

Conversions Part 1

Format	Color
Hex	0D3C36
RGB	13, 60, 54
RGB Percent	5%, 24%, 21%
CMY	0.9490, 0.7647, 0.7882
CMYK	0.78, 0.00, 0.10, 0.76
HSL	172°, 64%, 14%
HSV	172°, 78%, 24%
XYZ	2.4477, 3.5836, 4.0527
YIQ	45.2630, -26.0860, -11.8300

Conversions

Conversions Part 2

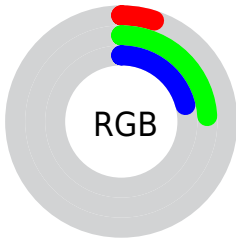
Format	Color
RYB	13, 38, 60
Decimal	867382
CIELab	22.24, -17.19, -0.84
CIElCh	22, 17.213, 182.792
Yxy	3.5836, 0.2427, 0.3554
Android (android.graphics.Color)	4279057462 (0xFF0D3C36)
YUV	45.2630, 4.3073, -28.2947
Hunter-Lab	18.9305, -10.0484, 0.5582

Details

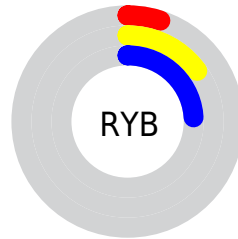
The YUV color **45.2630, 4.3073, -28.2947** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27.7370, -4.3073, 28.2947**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.7470, 3.5757, -26.9651**, and **9.9450, 0.0271, -8.7218** is the 20% darker color. If you saturate the color by 10%, you get **43.3550, 4.7550, -31.8833**, and if you desaturate by 10%, it is **47.1710, 3.8597, -24.7060**.

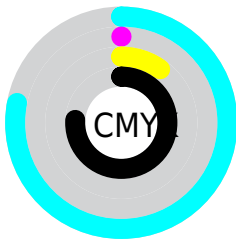
Distribution



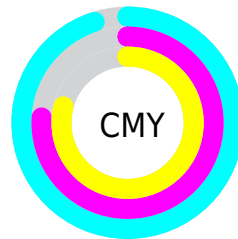
- Red (5%)
- Green (24%)
- Blue (21%)



- Red (5%)
- Yellow (15%)
- Blue (24%)



- Cyan (78%)
- Magenta (0%)
- Yellow (10%)
- Black (76%)



- Cyan (95%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.2630, 4.3073, -28.2947 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 45.2630, 4.3073, -28.2947 by changing the saturation by 10% instead.

■ 45.2630, 4.3073,
-28.2947

■ 45.2630, 4.3073,
-28.2947

■ 253.8040, 0.5896,
-2.4591

■ 26.0680, 3.4175,
-22.8616

■ 93.7470, 3.5757,
-26.9651

■ 9.9450, 0.0271,
-8.7218

■ 118.6330, 3.1389,
-26.8651

■ 0.0000, 0.0000,
0.0000

■ 144.3340, 3.2863,
-27.4799

■ 171.3340, 3.2863,
-27.4799

■ 198.7360, 3.5812,
-28.7095

■ 227.3230, 3.2918,

-29.2243

■ 245.1330, 4.8644,
-20.2876

■ 45.2630, 4.3073,
-28.2947

■ 45.2630, 4.3073,
-28.2947

■ 43.3550, 4.7550,
-31.8833

■ 47.1710, 3.8597,
-24.7060

■ 41.4470, 5.2026,
-35.4720

■ 49.0790, 3.4121,
-21.1173

■ 41.1480, 5.3500,
-36.0868

■ 50.8730, 2.5276,
-17.4286

■ 52.7810, 2.0800,
-13.8399

■ 54.6890, 1.6323,
-10.2513

■ 56.5970, 1.1847,
-6.6626

■ 58.3910, 0.3002,
-2.9739

■ 60.2990, -0.1474,
0.6148

■ 62.2070, -0.5951,
4.2035

Harmonies

Analogous

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



48.5760, -3.7350, -15.4142



45.2630, 4.3073, -28.2947



42.8580, 11.9020, -37.5865

Triad

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



45.2630, 4.3073, -28.2947



54.0570, 10.3249, 1.7040



52.9390, -10.8159, 15.8395

Complementary

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



45.2630, 4.3073, -28.2947



27.7370, -4.3073, 28.2947

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.



53.9980, -6.9010, 20.1728



45.2630, 4.3073, -28.2947



54.7550, 5.0508, 13.3699

Square

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



45.2630, 4.3073, -28.2947



51.4680, 13.5733, -13.5654



54.1920, -1.0807, 20.0026



52.1290, -12.3886, 6.9029

Rectangle

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



45.2630, 4.3073, -28.2947



43.8630, 14.3645, -34.0829



54.1920, -1.0807, 20.0026



53.4770, -10.0952, 17.9987

Sweetspot

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



45.2630, 4.3073, -28.2947



73.0910, 1.9271, -11.4808



42.3830, -14.4858, -20.5069



37.1840, 0.8953, -7.1774



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



45.2630, 4.3073, -28.2947



55.8480, 6.9769, -44.5937



35.9680, 11.8478, -20.1429



29.9890, 0.0054, -1.7444



64.5260, 8.6147, -56.5893



152.4300, 20.4940, -133.6811

Inverse Universe

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



27.7370, -4.3073, 28.2947



28.1520, -6.9769, 44.5937



37.0320, -11.8478, 20.1429



28.8970, -0.4422, 1.8443



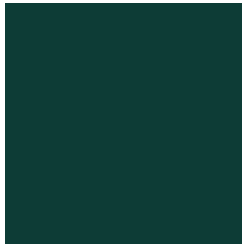
29.4740, -8.6147, 56.5893



69.5700, -20.4940, 133.6811

Previews

White Background



This preview shows how the YUV color 45.2630, 4.3073, -28.2947 looks on a white background.

Color Contrast Check

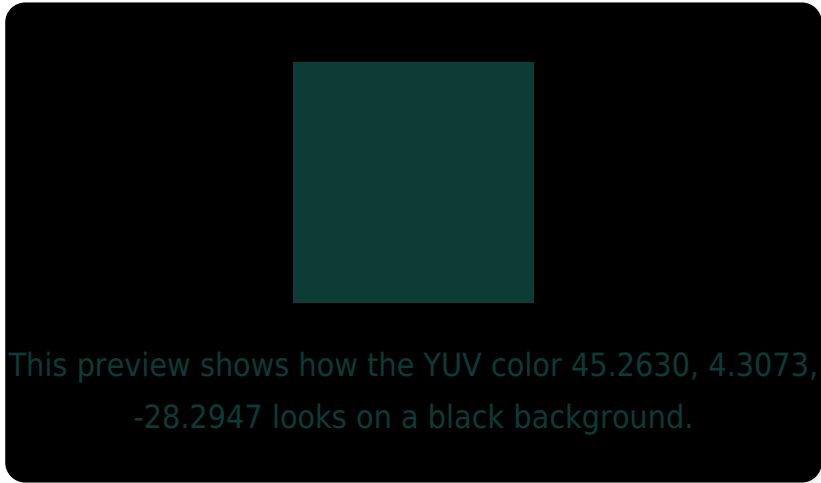
Large Text (above 18pt) WCAG AA ✓ Pass

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

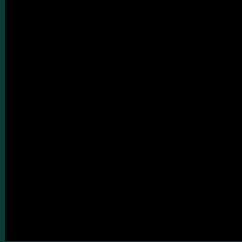
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.2630, 4.3073, -28.2947

Background



This preview shows how black text looks on a background with the YUV color 45.2630, 4.3073, -28.2947.



This preview shows how white text looks on a background with the YUV color 45.2630, 4.3073, -28.2947.

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

45.2630, 4.3073, -28.2947

Protanopia

53.2560, -1.6052, 1.5295

Deuteranopia

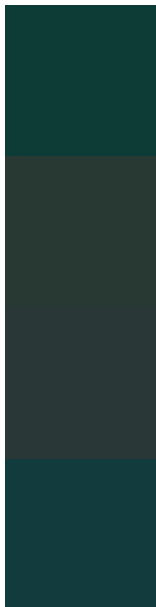
53.9510, 1.0102, 2.6740



Tritanopia

47.4960, 7.6435, -24.9910

Trichromacy



Original Color

45.2630, 4.3073, -28.2947

Protanomaly

50.6460, 0.1745, -9.3365

Deuteranomaly

50.8140, 2.0637, -8.6069

Tritanomaly

46.5560, 6.6279, -25.9206

Monochromacy



Original Color

45.2630, 4.3073, -28.2947

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.6890, 1.6323, -10.2513

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.2630, 4.3073, -28.2947 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(13, 60, 54)` looks like.

```
.text, #text, p{  
    color:rgb(13, 60, 54)  
}
```

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(13, 60, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 60, 54) }
```

Border

The CSS property to change the border of an element to YUV 45.2630, 4.3073, -28.2947 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(13, 60, 54) }
```


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

```
.border{ border-color:rgb(13, 60, 54) }
```

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

Here you see how a box with a 4 pixel rgb(13, 60, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 60, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 60, 54);  
box-shadow:4px 4px 4px 4px rgb(13, 60, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.2630, 4.3073, -28.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 60, 54) }
```

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

```
.background{ background-color: rgb(13, 60,  
54) }
```

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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