

Converting Colors

YUV(30.1330, 4.8644, -20.2876)

Have a look what the booklet for
YUV(30.1330, 4.8644, -20.2876)
contains.

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Color

**YUV(30.1330, 4.8644,
-20.2876)**

Conversions

Conversions Part 1

Format	Color
Hex	072828
RGB	7, 40, 40
RGB Percent	3%, 16%, 16%
CMY	0.9725, 0.8431, 0.8431
CMYK	0.82, 0.00, 0.00, 0.84
HSL	180°, 70%, 9%
HSV	180°, 82%, 16%
XYZ	1.2294, 1.7160, 2.2739
YIQ	30.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

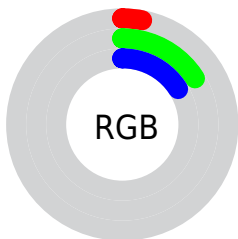
Format	Color
R_{YB}	7, 24, 40
Decimal	469032
CIE _{Lab}	13.92, -11.60, -3.49
CIE _{LCh}	14, 12.109, 196.754
Yxy	1.7160, 0.2356, 0.3288
Android (android.graphics.Color)	4278659112 (0xFF072828)
YUV	30.1330, 4.8644, -20.2876
Hunter-Lab	13.0994, -6.1714, -1.1224

Details

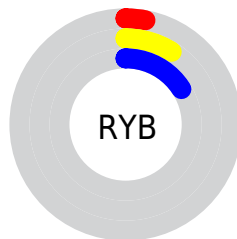
The YUV color **30.1330, 4.8644, -20.2876** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.8670, -4.8644, 20.2876**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.7310, 4.5696, -19.0581**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.9370, 5.4541, -22.7467**, and if you desaturate by 10%, it is **31.3290, 4.2748, -17.8285**.

Distribution



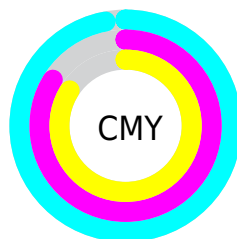
- Red (3%)
- Green (16%)
- Blue (16%)



- Red (3%)
- Yellow (9%)
- Blue (16%)



- Cyan (82%)
- Magenta (0%)
- Yellow (0%)
- Black (84%)



- Cyan (97%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.1330, 4.8644, -20.2876 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 30.1330, 4.8644, -20.2876 by changing the saturation by 10% instead.

■ 30.1330, 4.8644,
-20.2876

■ 30.1330, 4.8644,
-20.2876

■ 249.6180, 2.6533,
-11.0660

■ 14.0200, 2.9481,
-12.2955

■ 75.7310, 4.5696,
-19.0581

■ 0.0000, 0.0000,
0.0000

■ 100.3180, 4.2802,
-19.5729

■ 125.0190, 4.4276,
-20.1877

■ 151.1330, 4.8644,
-20.2876

■ 177.8340, 5.0118,
-20.9024

■ 205.4210, 4.7224,

-21.4172

■ 234.1220, 4.8699,
-22.0320

■ 30.1330, 4.8644,
-20.2876

■ 30.1330, 4.8644,
-20.2876

■ 28.9370, 5.4541,
-22.7467

■ 31.3290, 4.2748,
-17.8285

■ 28.0400, 5.8963,
-24.5911

■ 32.5250, 3.6852,
-15.3694

■ 33.7210, 3.0955,
-12.9103

■ 34.9170, 2.5059,
-10.4512

■ 36.1130, 1.9163,
-7.9921

■ 37.3090, 1.3267,
-5.5330

■ 38.5050, 0.7370,
-3.0739

■ 39.7010, 0.1474,
-0.6148

■ 40.8970, -0.4422,
1.8443

Harmonies

Analogous

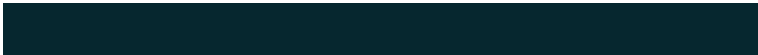
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.7980, -0.3934, -13.8548



30.1330, 4.8644, -20.2876



30.0450, 8.3588, -21.0875

Triad

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



30.1330, 4.8644, -20.2876



36.7000, 5.0779, 4.6481



35.2800, -8.0260, 7.6474

Complementary

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



30.1330, 4.8644, -20.2876



16.8670, -4.8644, 20.2876

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.



35.7690, -6.2951, 12.4806



30.1330, 4.8644, -20.2876



36.5330, 1.7092, 11.8106

Square

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



30.1330, 4.8644, -20.2876



35.7420, 8.0152, -4.1587



36.1050, -2.5168, 13.9399



34.0620, -7.4256, 1.6996

Rectangle

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



30.1330, 4.8644, -20.2876



32.0070, 9.3635, -16.6691



36.1050, -2.5168, 13.9399



35.7040, -7.7421, 9.9066

Sweetspot

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



30.1330, 4.8644, -20.2876



47.1130, 1.9163, -7.9921



26.3710, -9.5499, -16.9884



23.6080, 1.1793, -4.9182



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



30.1330, 4.8644, -20.2876



36.0500, 7.3704, -30.7388



20.7410, 9.4947, -12.0509



19.4020, 0.2948, -1.2296



58.8840, 12.3822, -51.6413



148.6120, 31.2503, -130.3327

Inverse Universe

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



20.6290, 9.5499, 16.9884



21.6500, 14.4695, 25.7400



26.8460, -9.7841, 11.5361



18.8260, 0.5788, 1.0296



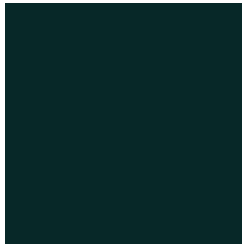
34.6920, 24.3088, 43.2431



87.5560, 61.3509, 109.1374

Previews

White Background



This preview shows how the YUV color 30.1330, 4.8644, -20.2876 looks on a white background.

Color Contrast Check

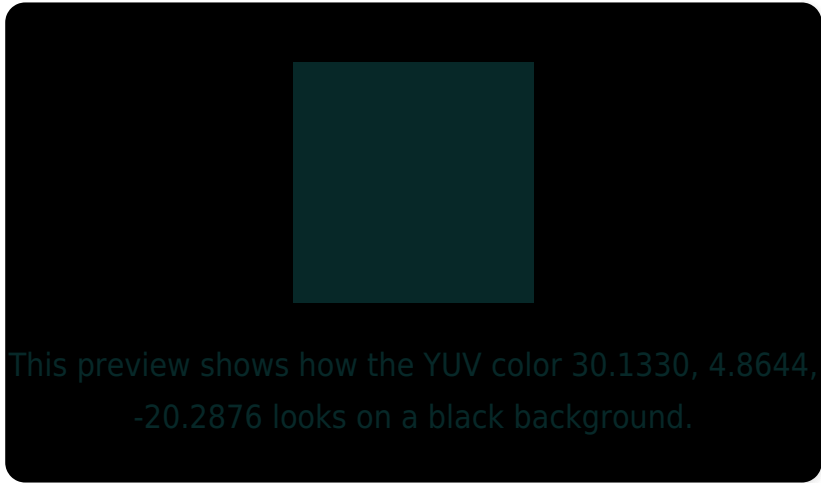
Large Text (above 18pt) WCAG AA ✓ Pass

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

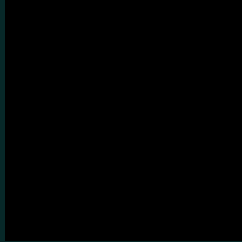
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

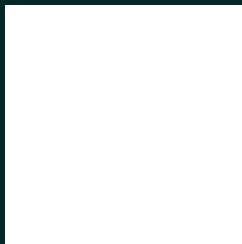
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 30.1330, 4.8644, -20.2876

Background



This preview shows how black text looks on a background with the YUV color 30.1330, 4.8644, -20.2876.



This preview shows how white text looks on a background with the YUV color 30.1330, 4.8644, -20.2876.

-20.2876.

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

30.1330, 4.8644, -20.2876

Protanopia

36.1140, 0.4368, -0.1000

Deuteranopia

36.2820, 2.3260, 0.6297



Tritanopia

31.3720, 5.7326, -18.7432

Trichromacy



Original Color

30.1330, 4.8644, -20.2876

Protanomaly

33.5260, 2.2057, -7.4773

Deuteranomaly

34.1670, 3.3687, -7.1625

Tritanomaly

30.9590, 5.4432, -19.2580

Monochromacy



Original Color

30.1330, 4.8644, -20.2876

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.4120, 1.7689, -7.3773

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.1330, 4.8644, -20.2876 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(7, 40, 40)` looks like.

```
.text, #text, p{  
    color:rgb(7, 40, 40)  
}
```

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(7, 40, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 40, 40) }
```

Border

The CSS property to change the border of an element to YUV 30.1330, 4.8644, -20.2876 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(7, 40, 40) }
```


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

```
.border{ border-color:rgb(7, 40, 40) }
```

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

Here you see how a box with a 4 pixel rgb(7, 40, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 40, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 40, 40); box-shadow:4px  
4px 4px 4px rgb(7, 40, 40) }
```

Background

The CSS property to change the background color of an element to YUV 30.1330, 4.8644, -20.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 40, 40) }
```

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

```
.background{ background-color: rgb(7, 40,  
40) }
```

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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