

Converting Colors

YUV(30.0830, -9.4079, -15.8588)

Have a look what the booklet for
YUV(30.0830, -9.4079, -15.8588)
contains.

YUV(30.0830, -9.4079, -15.8588)	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(30.0830, -9.4079,
-15.8588)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2B0B
RGB	12, 43, 11
RGB Percent	5%, 17%, 4%
CMY	0.9529, 0.8314, 0.9569
CMYK	0.72, 0.00, 0.74, 0.83
HSL	118°, 59%, 11%
HSV	118°, 74%, 17%
XYZ	1.0759, 1.8301, 0.6131
YIQ	30.0830, -8.2040, -16.5240

Conversions

Conversions Part 2

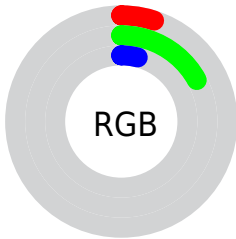
Format	Color
R_{YB}	11, 43, 42
Decimal	797451
CIE Lab	14.57, -19.50, 16.35
CIE LCh	15, 25.444, 140.019
Yxy	1.8301, 0.3057, 0.5200
Android (android.graphics.Color)	4278987531 (0xFF0C2B0B)
YUV	30.0830, -9.4079, -15.8588
Hunter-Lab	13.5280, -9.4778, 6.7824

Details

The YUV color **30.0830, -9.4079, -15.8588** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **23.9170, 9.4079, 15.8588**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.5560, -10.1341, -16.2736**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.4310, -10.5655, -17.9180**, and if you desaturate by 10%, it is **31.7350, -8.2504, -13.7996**.

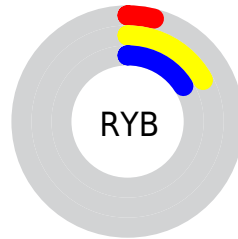
Distribution



Red (5%)

Green (17%)

Blue (4%)



Red (4%)

Yellow (17%)

Blue (16%)

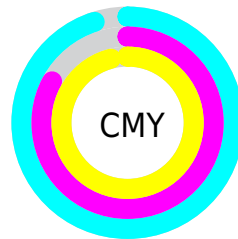


Cyan (72%)

Magenta (0%)

Yellow (74%)

Black (83%)



Cyan (95%)

Magenta (83%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.0830, -9.4079, -15.8588 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 30.0830, -9.4079, -15.8588 by changing the saturation by 10% instead.

■ 30.0830, -9.4079,
-15.8588

■ 30.0830, -9.4079,
-15.8588

■ 248.5340, -6.6723,
-6.6073

■ 14.6750, -7.2348,
-12.8700

■ 75.5560, -10.1341,
-16.2736

■ 0.0000, 0.0000,
0.0000

■ 100.0290,
-10.8603, -16.6884

■ 124.9150,
-11.2971, -16.5885


■ 151.0890,
-11.8759, -17.6181


■ 177.9750,
-12.3127, -17.5181


■ 205.5620,


-12.6021, -18.0329


 233.4480,
-13.0389, -17.9329


 30.0830, -9.4079,
-15.8588

 30.0830, -9.4079,
-15.8588


 28.4310, -10.5655,
-17.9180


 31.7350, -8.2504,
-13.7996


 26.6650, -12.1598,
-19.8772

 33.5010, -6.6560,
-11.8404

 25.5400, -12.5912,
-21.5216

 35.1530, -5.4984,
-9.7812

 37.1040, -4.4883,
-7.1072

 38.8700, -2.8939,
-5.1480

■ 40.5220, -1.7363,
-3.0888

■ 42.1740, -0.5788,
-1.0296

■ 43.8260, 0.5788,
1.0296

■ 45.5920, 2.1731,
2.9888

Harmonies

Analogous

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



33.6570, -16.5929, 2.0548



30.0830, -9.4079, -15.8588



29.8350, 0.0813, -26.1653

Triad

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



30.0830, -9.4079, -15.8588



32.2750, 19.5844, -28.3052



35.3350, -4.6022, 29.5242

Complementary

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



30.0830, -9.4079, -15.8588



23.9170, 9.4079, 15.8588

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.



36.4900, 3.7024, 25.8803



30.0830, -9.4079, -15.8588



36.1140, 17.1988, -9.7470

Square

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



30.0830, -9.4079, -15.8588



33.1240, 15.2219, -29.0497



38.2370, 10.7292, 12.0702



34.7830, -14.1900, 24.7463

Rectangle

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



30.0830, -9.4079, -15.8588



31.2030, 5.3229, -27.3650



38.2370, 10.7292, 12.0702



35.4320, -1.6920, 29.4391

Sweetspot

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



30.0830, -9.4079, -15.8588



51.0440, -3.4727, -6.1776



38.7650, -13.6881, 3.7141



25.1090, -2.0257, -3.6036



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



30.0830, -9.4079, -15.8588



35.9480, -14.7644, -24.5104



31.4940, -2.7085, -17.9732



19.1740, -0.5788, -1.0296



50.2050, -24.7511, -41.3988



126.5370, -62.3827, -104.8339

Inverse Universe

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



23.9170, 9.4079, 15.8588



26.3510, 14.6170, 25.1252



22.5060, 2.7085, 17.9732



18.8260, 0.5788, 1.0296



34.0940, 24.6037, 42.0136



85.4630, 62.3827, 104.8339

Previews

White Background



This preview shows how the YUV color 30.0830, -9.4079, -15.8588 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

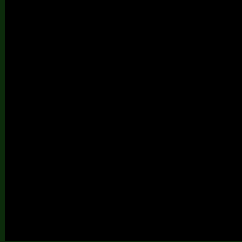
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.0830, -9.4079, -15.8588

Background



This preview shows how black text looks on a background with the YUV color 30.0830, -9.4079, -15.8588.



This preview shows how white text looks on a background with the YUV color 30.0830, -9.4079,

-15.8588.

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

30.0830, -9.4079, -15.8588

Protanopia

35.4170, -12.5306, 5.7733

Deuteranopia

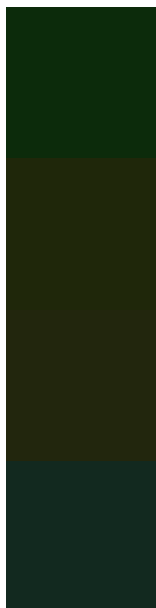
35.8950, -10.7942, 8.8621



Tritanopia

34.6610, 4.1111, -11.9807

Trichromacy



Original Color

30.0830, -9.4079, -15.8588

Protanomaly

33.3020, -11.4879, -2.0189

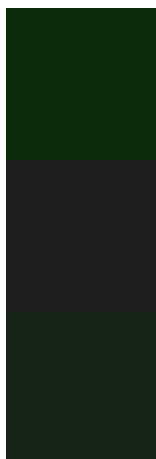
Deuteranomaly

33.9540, -10.3303, 0.0403

Tritanomaly

32.9830, -0.9776, -13.1401

Monochromacy



Original Color

30.0830, -9.4079, -15.8588

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.0440, -3.4727, -6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.0830, -9.4079, -15.8588 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(12, 43, 11)` looks like.

```
.text, #text, p{  
    color:rgb(12, 43, 11)  
}
```

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(12, 43, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 43, 11) }
```

Border

The CSS property to change the border of an element to YUV 30.0830, -9.4079, -15.8588 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(12, 43, 11) }
```


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

```
.border{ border-color:rgb(12, 43, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 43, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 43, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 43, 11);  
box-shadow:4px 4px 4px 4px rgb(12, 43, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.0830, -9.4079, -15.8588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 43, 11) }
```

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

```
.background{ background-color: rgb(12, 43,  
11) }
```

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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