

Converting Colors

YUV(30.0590, 0.4639, -8.8217)

Have a look what the booklet for
YUV(30.0590, 0.4639, -8.8217)
contains.

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Color

**YUV(30.0590, 0.4639,
-8.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	14231F
RGB	20, 35, 31
RGB Percent	8%, 14%, 12%
CMY	0.9216, 0.8627, 0.8784
CMYK	0.43, 0.00, 0.11, 0.86
HSL	164°, 27%, 11%
HSV	164°, 43%, 14%
XYZ	1.1368, 1.4497, 1.5162
YIQ	30.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

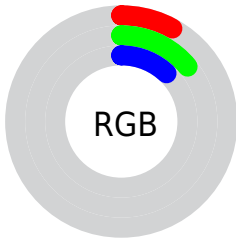
Format	Color
R_{YB}	20, 29, 35
Decimal	1319711
CIE Lab	12.28, -7.57, 0.65
CIE LCh	12, 7.598, 175.094
Yxy	1.4497, 0.2771, 0.3533
Android (android.graphics.Color)	4279509791 (0xFF14231F)
YUV	30.0590, 0.4639, -8.8217
Hunter-Lab	12.0404, -4.2169, 0.9620

Details

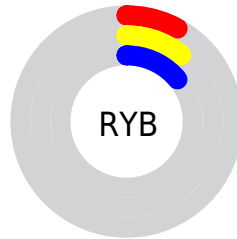
The YUV color **30.0590, 0.4639, -8.8217** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **24.9410, -0.4639, 8.8217**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.7600, 0.6113, -9.4365**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.0480, 0.4693, -10.5661**, and if you desaturate by 10%, it is **31.3690, 0.3111, -6.4626**.

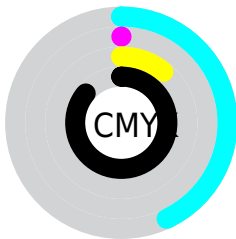
Distribution



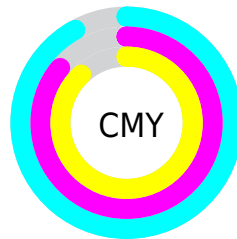
- Red (8%)
- Green (14%)
- Blue (12%)



- Red (8%)
- Yellow (11%)
- Blue (14%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (86%)



- Cyan (92%)
- Magenta (86%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.0590, 0.4639, -8.8217 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 30.0590, 0.4639, -8.8217 by changing the saturation by 10% instead.

■ 30.0590, 0.4639,
-8.8217

■ 30.0590, 0.4639,
-8.8217

■ 252.3090, 1.3267,
-5.5330

■ 8.9020, -1.4307,
-7.8071

■ 73.7600, 0.6113,
-9.4365

■ 0.0000, 0.0000,
0.0000

■ 97.3470, 0.3219,
-9.9513

■ 122.9340, 0.0325,
-10.4661

■ 148.6350, 0.1799,
-11.0809

■ 175.0480, 0.4693,
-10.5661

■ 202.6350, 0.1799,

-11.0809

■ 230.6350, 0.1799,
-11.0809

■ 30.0590, 0.4639,
-8.8217

■ 30.0590, 0.4639,
-8.8217

■ 29.0480, 0.4693,
-10.5661

■ 31.3690, 0.3111,
-6.4626

■ 27.7380, 0.6222,
-12.9252

■ 32.3800, 0.3057,
-4.7183

■ 26.4280, 0.7750,
-15.2844

■ 33.6900, 0.1528,
-2.3591

■ 25.4170, 0.7804,
-17.0287

■ 34.7010, 0.1474,
-0.6148

■ 24.1070, 0.9332,
-19.3878

■ 36.0110, -0.0054,
1.7444

■ 23.5090, 1.2281,
-20.6174

■ 37.0220, -0.0108,
3.4887

■ 38.3320, -0.1637,
5.8478

■ 39.2290, -0.6059,
7.6922

■ 40.5390, -0.7587,
10.0513

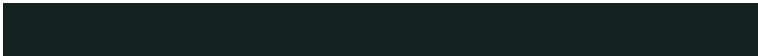
Harmonies

Analogous

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



30.3970, -2.1677, -4.7332



30.0590, 0.4639, -8.8217



29.7320, 3.0901, -11.1660

Triad

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



30.0590, 0.4639, -8.8217



32.5530, 4.6574, -0.4850



32.6050, -4.2423, 7.3624

Complementary

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



30.0590, 0.4639, -8.8217



24.9410, -0.4639, 8.8217

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.



33.0720, -2.5005, 8.7069



30.0590, 0.4639, -8.8217



32.7170, 2.6045, 4.6332

Square

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



30.0590, 0.4639, -8.8217



31.6340, 5.1104, -5.8180



32.7560, 0.1203, 8.1070



31.7680, -4.8156, 4.5885

Rectangle

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



30.0590, 0.4639, -8.8217



30.3730, 4.2531, -10.8511



32.7560, 0.1203, 8.1070



32.4310, -3.6635, 8.3920

Sweetspot

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



30.0590, 0.4639, -8.8217



43.9780, 0.0108, -3.4887



30.0010, -4.9305, -5.2629



21.6900, 0.1528, -2.3591



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.



30.0590, 0.4639, -8.8217



38.1400, 0.9170, -14.1548



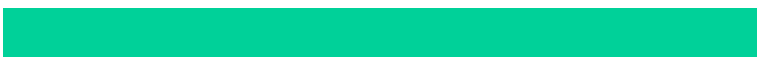
28.7540, 3.0793, -7.6773



17.2880, -0.1420, -1.1296



54.9740, 2.4778, -48.2122



140.1250, 6.3474, -122.8896

Inverse Universe

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



24.9410, -0.4639, 8.8217



29.9740, -0.4802, 14.0548



26.8330, -3.3687, 7.1625



16.7120, 0.1420, 1.1296



27.0260, -2.4778, 48.2122



68.8750, -6.3474, 122.8896

Previews

White Background



This preview shows how the YUV color 30.0590, 0.4639, -8.8217 looks on a white background.

Color Contrast Check

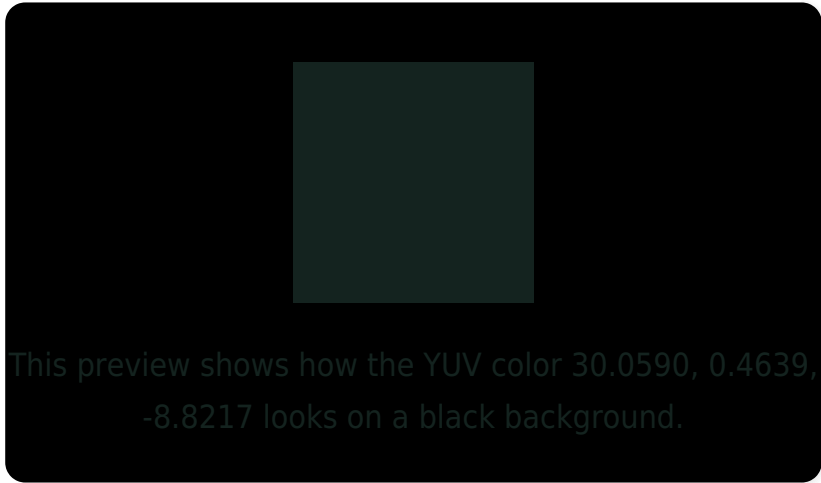
Large Text (above 18pt) WCAG AA ✓ Pass

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

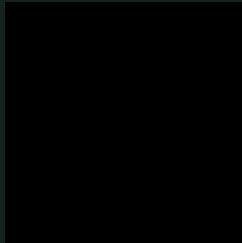
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

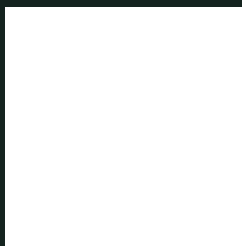
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 30.0590, 0.4639, -8.8217

Background



This preview shows how black text looks on a background with the YUV color 30.0590, 0.4639, -8.8217.



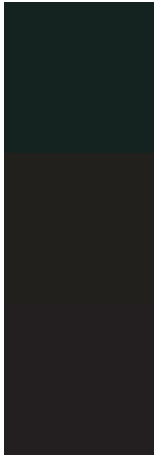
This preview shows how white text looks on a background with the YUV color 30.0590, 0.4639,

-8.8217.

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

30.0590, 0.4639, -8.8217

Protanopia

31.9570, -1.4578, 0.9147

Deuteranopia

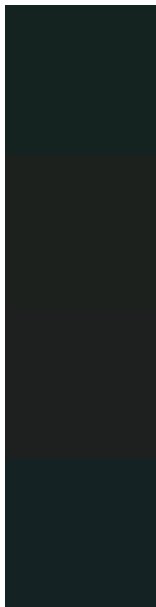
32.3100, -0.1528, 2.3591



Tritanopia

30.7540, 3.0793, -7.6773

Trichromacy



Original Color

30.0590, 0.4639, -8.8217

Protanomaly

31.1630, -0.5734, -2.7740

Deuteranomaly

31.4020, 0.2948, -1.2296

Tritanomaly

30.2270, 2.3531, -8.0921

Monochromacy



Original Color

30.0590, 0.4639, -8.8217

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9780, 0.0108, -3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.0590, 0.4639, -8.8217 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(20, 35, 31)` looks like.

```
.text, #text, p{  
    color:rgb(20, 35, 31)  
}
```

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(20, 35, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 35, 31) }
```

Border

The CSS property to change the border of an element to YUV 30.0590, 0.4639, -8.8217 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(20, 35, 31) }
```


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

```
.border{ border-color:rgb(20, 35, 31) }
```

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

Here you see how a box with a 4 pixel rgb(20, 35, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 35, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 35, 31);  
box-shadow:4px 4px 4px 4px rgb(20, 35, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.0590, 0.4639, -8.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 35, 31) }
```

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

```
.background{ background-color: rgb(20, 35,  
31) }
```

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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