

Converting Colors

YUV(28.9900, -8.3761, -20.1622)

Have a look what the booklet for
YUV(28.9900, -8.3761, -20.1622)
contains.

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Color

**YUV(28.9900, -8.3761,
-20.1622)**

Conversions

Conversions Part 1

Format	Color
Hex	062C0C
RGB	6, 44, 12
RGB Percent	2%, 17%, 5%
CMY	0.9765, 0.8275, 0.9529
CMYK	0.86, 0.00, 0.73, 0.83
HSL	129°, 76%, 10%
HSV	129°, 86%, 17%
XYZ	1.0421, 1.8666, 0.6532
YIQ	28.9900, -12.3760, -18.0080

Conversions

Conversions Part 2

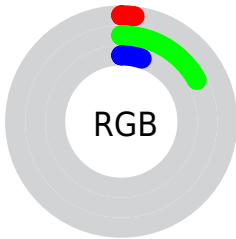
Format	Color
RYB	6, 39, 44
Decimal	404492
CIELab	14.77, -21.55, 16.12
CIELCh	15, 26.919, 143.201
Yxy	1.8666, 0.2926, 0.5240
Android (android.graphics.Color)	4278594572 (0xFF062C0C)
YUV	28.9900, -8.3761, -20.1622
Hunter-Lab	13.6625, -10.2936, 6.7291

Details

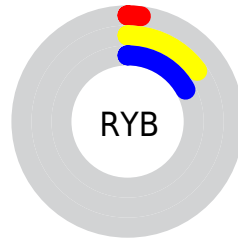
The YUV color **28.9900, -8.3761, -20.1622** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **21.0100, 8.3761, 20.1622**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.9470, -9.8339, -19.2475**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.3380, -9.5336, -22.2214**, and if you desaturate by 10%, it is **30.6420, -7.2185, -18.1030**.

Distribution



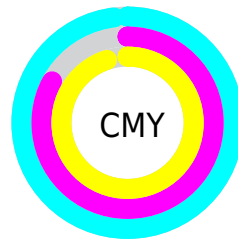
- Red (2%)
- Green (17%)
- Blue (5%)



- Red (2%)
- Yellow (15%)
- Blue (17%)



- Cyan (86%)
- Magenta (0%)
- Yellow (73%)
- Black (83%)



- Cyan (98%)
- Magenta (83%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.9900, -8.3761, -20.1622 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 28.9900, -8.3761, -20.1622 by changing the saturation by 10% instead.

■ 28.9900, -8.3761,
-20.1622

■ 28.9900, -8.3761,
-20.1622

■ 247.4520, -5.6458,
-9.1664

■ 14.6750, -7.2348,
-12.8700

■ 74.9470, -9.8339,
-19.2475

■ 0.0000, 0.0000,
0.0000

■ 99.4200, -10.5601,
-19.6623


■ 124.8930,
-11.2862, -20.0772


■ 150.5940,
-11.1388, -20.6919


■ 177.1810,
-11.4282, -21.2067


■ 205.0670,


-11.8650, -21.1068


 233.2410,
-12.4438, -22.1364


 28.9900, -8.3761,
-20.1622


 28.9900, -8.3761,
-20.1622


 27.3380, -9.5336,
-22.2214


 30.6420, -7.2185,
-18.1030

 26.6260, -9.6756,
-23.3510

 32.4790, -6.6451,
-15.3291

 34.1310, -5.4876,
-13.2699

 36.0820, -4.4774,
-10.5959

 37.7340, -3.3199,
-8.5367

■ 39.2720, -2.5991,
-6.3775

■ 41.2230, -1.5889,
-3.7036

■ 42.8750, -0.4314,
-1.6444

■ 44.7120, 0.1420,
1.1296

Harmonies

Analogous

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



33.6460, -16.5875, 0.3105



28.9900, -8.3761, -20.1622



30.6500, 0.6656, -26.8800

Triad

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



28.9900, -8.3761, -20.1622



32.6170, 20.8948, -28.6051



35.0040, -5.9180, 31.5685

Complementary

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



28.9900, -8.3761, -20.1622



21.0100, 8.3761, 20.1622

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.



35.9850, 2.9654, 28.9542



28.9900, -8.3761, -20.1622



36.5380, 17.4828, -7.4878

Square

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



28.9900, -8.3761, -20.1622



33.4660, 16.5323, -29.3497



38.2590, 10.7183, 15.5589



35.2130, -16.3740, 25.2462

Rectangle

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



28.9900, -8.3761, -20.1622



32.1320, 6.3439, -28.1798



38.2590, 10.7183, 15.5589



35.2150, -2.5710, 31.3834

Sweetspot

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



28.9900, -8.3761, -20.1622



50.4460, -3.1779, -7.4071



37.8740, -15.7139, 0.1105



24.5110, -1.7309, -4.8331



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.



28.9900, -8.3761, -20.1622



33.8980, -12.2747, -29.7285



31.1560, -0.0769, -22.0618



22.1740, -0.5788, -1.0296



52.6650, -19.0618, -46.1872



129.4940, -47.0785, -113.5662

Inverse Universe

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



21.0100, 8.3761, 20.1622



22.1020, 12.2747, 29.7285



18.8440, 0.0769, 22.0618



21.8260, 0.5788, 1.0296



34.3350, 19.0618, 46.1872



84.5060, 47.0785, 113.5662

Previews

White Background



This preview shows how the YUV color 28.9900, -8.3761, -20.1622 looks on a white background.

Color Contrast Check

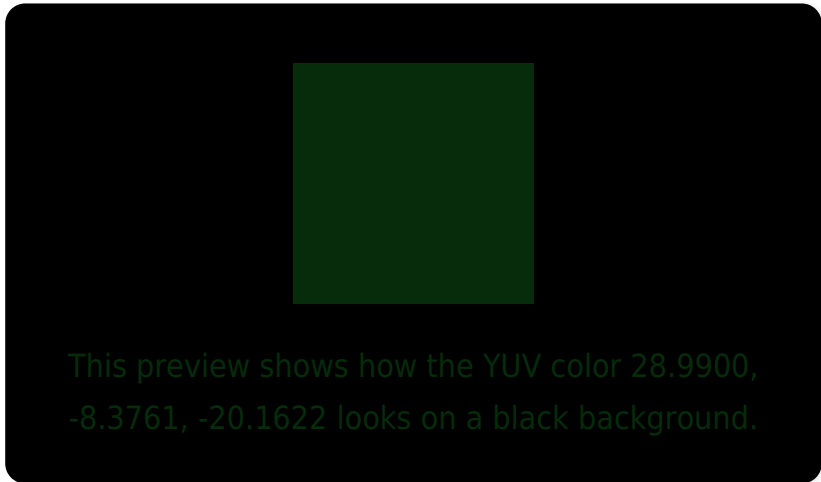
Large Text (above 18pt) WCAG AA ✓ Pass

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

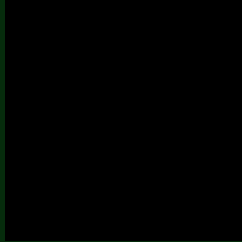
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.9900, -8.3761, -20.1622

Background



This preview shows how black text looks on a background with the YUV color 28.9900, -8.3761, -20.1622.



This preview shows how white text looks on a background with the YUV color 28.9900, -8.3761,

-20.1622.

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

28.9900, -8.3761, -20.1622

Protanopia

36.0040, -12.8200, 5.2585

Deuteranopia

36.8950, -10.7942, 8.8621



Tritanopia

34.7640, 4.5533, -13.8250

Trichromacy



Original Color

28.9900, -8.3761, -20.1622

Protanomaly

33.4050, -11.0457, -3.8632

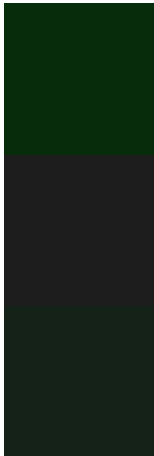
Deuteranomaly

34.0570, -9.8881, -1.8040

Tritanomaly

32.4880, -0.2406, -16.2140

Monochromacy



Original Color

28.9900, -8.3761, -20.1622

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8590, -2.8885, -6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.9900, -8.3761, -20.1622 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(6, 44, 12)` looks like.

```
.text, #text, p{  
    color:rgb(6, 44, 12)  
}
```

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(6, 44, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 44, 12) }
```

Border

The CSS property to change the border of an element to YUV 28.9900, -8.3761, -20.1622 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(6, 44, 12) }
```


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

```
.border{ border-color:rgb(6, 44, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 44, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 44, 12); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 44, 12); box-shadow:4px  
4px 4px 4px rgb(6, 44, 12) }
```

Background

The CSS property to change the background color of an element to YUV 28.9900, -8.3761, -20.1622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 44, 12) }
```

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

```
.background{ background-color: rgb(6, 44,  
12) }
```

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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