

Converting Colors

YUV(27.8120, -11.7393,
-14.7441)

Have a look what the booklet for
YUV(27.8120, -11.7393, -14.7441)
contains.

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Color

**YUV(27.8120, -11.7393,
-14.7441)**

Conversions

Conversions Part 1

Format	Color
Hex	0B2904
RGB	11, 41, 4
RGB Percent	4%, 16%, 2%
CMY	0.9569, 0.8392, 0.9843
CMYK	0.73, 0.00, 0.90, 0.84
HSL	109°, 82%, 9%
HSV	109°, 90%, 16%
XYZ	0.9529, 1.6658, 0.3862
YIQ	27.8120, -6.0030, -17.8670

Conversions

Conversions Part 2

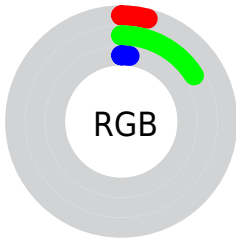
Format	Color
R_{YB}	4, 41, 34
Decimal	731396
CIE _{Lab}	13.63, -19.88, 17.97
CIE _{LCh}	14, 26.800, 137.897
Yxy	1.6658, 0.3171, 0.5544
Android (android.graphics.Color)	4278921476 (0xFF0B2904)
YUV	27.8120, -11.7393, -14.7441
Hunter-Lab	12.9065, -9.4082, 7.2606

Details

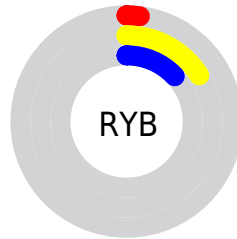
The YUV color **27.8120, -11.7393, -14.7441** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **17.1880, 11.7393, 14.7441**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.2140, -11.4445, -15.9737**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.4590, -13.0443, -16.1885**, and if you desaturate by 10%, it is **29.1650, -10.4343, -13.2997**.

Distribution



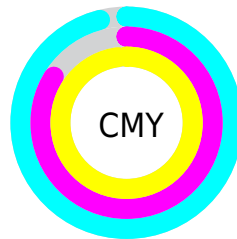
- Red (4%)
- Green (16%)
- Blue (2%)



- Red (2%)
- Yellow (16%)
- Blue (13%)



- Cyan (73%)
- Magenta (0%)
- Yellow (90%)
- Black (84%)



- Cyan (96%)
- Magenta (84%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.8120, -11.7393, -14.7441 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 27.8120, -11.7393, -14.7441 by changing the saturation by 10% instead.

■ 27.8120, -11.7393,
-14.7441

■ 27.8120, -11.7393,
-14.7441

■ 247.3660, -8.5614,
-7.3370

■ 12.3270, -6.0772,
-10.8108

■ 73.2140, -11.4445,
-15.9737

■ 0.0000, 0.0000,
0.0000

■ 97.1000, -11.8813,
-15.8737


■ 122.4590,
-13.0443, -16.1885


■ 148.0460,
-13.3337, -16.7033


■ 174.9320,
-13.7705, -16.6034

■ 202.5190,


-14.0599, -17.1182


 230.9920,
-14.7861, -17.5330


 27.8120, -11.7393,
-14.7441


 27.8120, -11.7393,
-14.7441


 26.4590, -13.0443,
-16.1885

 29.1650, -10.4343,
-13.2997

 30.8170, -9.2768,
-11.2405

 32.1700, -7.9718,
-9.7961

 33.5230, -6.6668,
-8.3517

 35.1750, -5.5093,
-6.2925

■ 36.6420, -3.7675,
-4.9480

■ 37.9950, -2.4625,
-3.5036

■ 39.6470, -1.3050,
-1.4444

■ 41.0000, 0.0000,
0.0000

Harmonies

Analogous

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



32.1840, -15.8667, 2.4696



27.8120, -11.7393, -14.7441



28.2050, -1.0871, -24.7358

Triad

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



27.8120, -11.7393, -14.7441



30.9870, 19.7264, -27.1756



32.5740, -3.7340, 31.0686

Complementary

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



27.8120, -11.7393, -14.7441



17.1880, 11.7393, 14.7441

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.



34.0170, 4.4286, 26.2951



27.8120, -11.7393, -14.7441



32.5480, 18.9568, -13.6356

Square

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



27.8120, -11.7393, -14.7441



31.7220, 14.9271, -27.8202



36.1660, 11.7502, 11.2554



32.5660, -15.0690, 26.6906

Rectangle

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



27.8120, -11.7393, -14.7441



29.6870, 4.5913, -26.0355



36.1660, 11.7502, 11.2554



32.6710, -0.8238, 30.9835

Sweetspot

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



27.8120, -11.7393, -14.7441



48.7020, -4.7831, -5.8777



32.6730, -14.1358, 7.3028



24.8810, -2.8993, -3.4036



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.



27.8120, -11.7393, -14.7441



34.6880, -17.1012, -21.6514



26.9730, -5.9027, -20.1473



19.4730, -0.7262, -0.4148



54.0920, -26.6674, -33.4067



136.4040, -67.2472, -84.5463

Inverse Universe

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



17.1880, 11.7393, 14.7441



19.0130, 17.2486, 21.0366



18.0270, 5.9027, 20.1473



18.8260, 0.5788, 1.0296



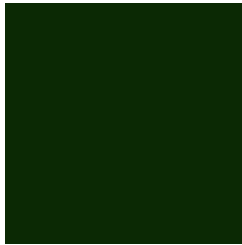
29.9080, 26.6674, 33.4067



75.5960, 67.2472, 84.5463

Previews

White Background



This preview shows how the YUV color 27.8120, -11.7393, -14.7441 looks on a white background.

Color Contrast Check

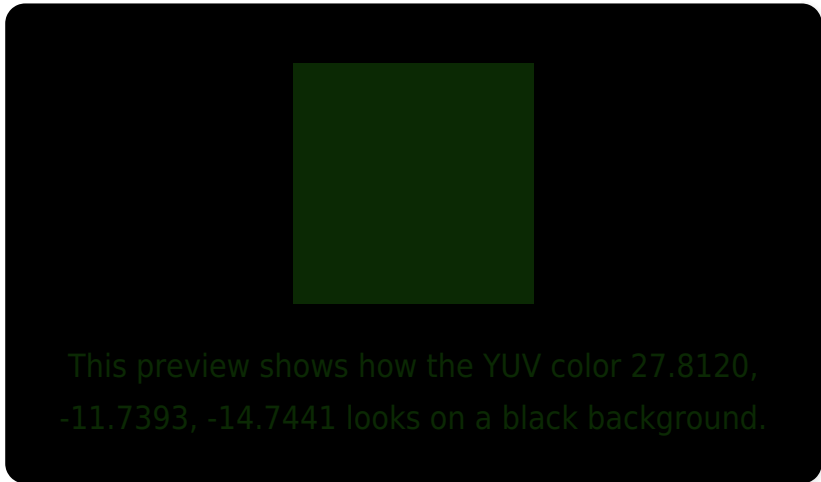
Large Text (above 18pt) WCAG AA ✓ Pass

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

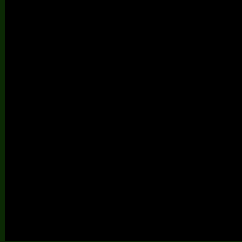
Any Text WCAG AA × Fail

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 27.8120, -11.7393, -14.7441 Background



This preview shows how black text looks on a background with the YUV color 27.8120, -11.7393, -14.7441.



This preview shows how white text looks on a background with the YUV color 27.8120, -11.7393,

-14.7441.

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

27.8120, -11.7393, -14.7441

Protanopia

32.5050, -16.0250, 6.5731

Deuteranopia

33.5530, -12.1046, 9.1620



Tritanopia

32.9600, 3.9637, -11.3659

Trichromacy



Original Color

27.8120, -11.7393, -14.7441

Protanomaly

30.5040, -14.5455, -1.3190

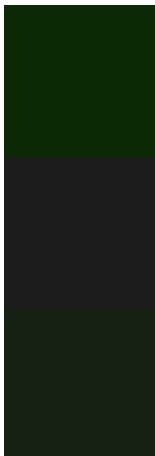
Deuteranomaly

31.4980, -12.0775, 0.4403

Tritanomaly

31.1680, -1.5618, -12.4253

Monochromacy



Original Color

27.8120, -11.7393, -14.7441

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.1150, -4.4937, -5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.8120, -11.7393, -14.7441 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(11, 41, 4)` looks like.

```
.text, #text, p{  
    color:rgb(11, 41, 4)  
}
```

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(11, 41, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 41, 4) }
```

Border

The CSS property to change the border of an element to YUV 27.8120, -11.7393, -14.7441 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(11, 41, 4) }
```


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

```
.border{ border-color:rgb(11, 41, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 41, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 41, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(11, 41, 4); box-shadow:4px  
4px 4px 4px rgb(11, 41, 4) }
```

Background

The CSS property to change the background color of an element to YUV 27.8120, -11.7393, -14.7441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 41, 4) }
```

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

```
.background{ background-color: rgb(11, 41,  
4) }
```

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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