

Converting Colors

YUV(29.4470, 12.1046, -9.1620)

Have a look what the booklet for
YUV(29.4470, 12.1046, -9.1620)
contains.

YUV(29.4470, 12.1046, -9.1620)	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(29.4470, 12.1046,
-9.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	131E36
RGB	19, 30, 54
RGB Percent	7%, 12%, 21%
CMY	0.9255, 0.8824, 0.7882
CMYK	0.65, 0.44, 0.00, 0.79
HSL	221°, 48%, 14%
HSV	221°, 65%, 21%
XYZ	1.3987, 1.3333, 3.6737
YIQ	29.4470, -14.2600, 5.1320

Conversions

Conversions Part 2

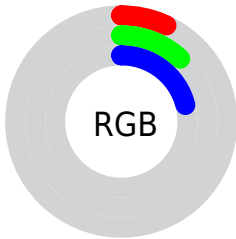
Format	Color
RYB	19, 27, 54
Decimal	1252918
CIELab	11.51, 3.96, -17.20
CIElCh	12, 17.652, 282.976
Yxy	1.3333, 0.2184, 0.2081
Android (android.graphics.Color)	4279442998 (0xFF131E36)
YUV	29.4470, 12.1046, -9.1620
Hunter-Lab	11.5470, 1.4144, -10.7801

Details

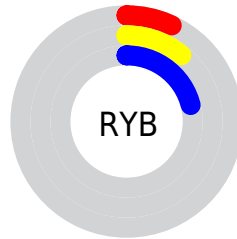
The YUV color **29.4470, 12.1046, -9.1620** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **43.5530, -12.1046, 9.1620**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.8000, 13.4096, -7.7176**, and **0.6840, 2.6208, -0.5999** is the 20% darker color. If you saturate the color by 10%, you get **25.6040, 13.9992, -10.1767**, and if you desaturate by 10%, it is **33.2900, 10.2100, -8.1473**.

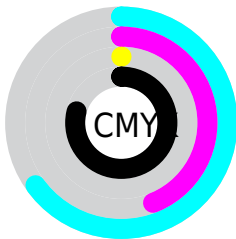
Distribution



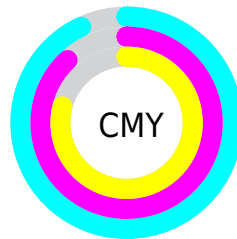
- Red (7%)
- Green (12%)
- Blue (21%)



- Red (7%)
- Yellow (11%)
- Blue (21%)



- Cyan (65%)
- Magenta (44%)
- Yellow (0%)
- Black (79%)



- Cyan (93%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.4470, 12.1046, -9.1620 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 29.4470, 12.1046, -9.1620 by changing the saturation by 10% instead.

■ 29.4470, 12.1046,
-9.1620

■ 29.4470, 12.1046,
-9.1620

■ 253.5050, 0.7370,
-3.0739

■ 6.1100, 13.2568,
-5.3585

■ 73.8000, 13.4096,
-7.7176

■ 0.6840, 2.6208,
-0.5999

■ 97.9140, 13.8464,
-7.8176

■ 0.0000, 0.0000,
0.0000

■ 123.0280, 14.2832,
-7.9176

■ 149.1420, 14.7200,
-8.0175

■ 175.2560, 15.1568,
-8.1175

■ 203.2560, 15.1568,

-8.1175

■ 230.4580, 12.0992,
-7.4177

■ 29.4470, 12.1046,
-9.1620

■ 29.4470, 12.1046,
-9.1620

■ 25.6040, 13.9992,
-10.1767

■ 33.2900, 10.2100,
-8.1473

■ 22.0490, 15.7518,
-12.3210

■ 36.8450, 8.4574,
-6.0031

■ 18.2060, 17.6464,
-13.3357

■ 40.6880, 6.5628,
-4.9884

■ 16.1350, 18.6674,
-14.1504

■ 44.8300, 4.5208,
-3.3589

■ 48.6730, 2.6262,
-2.3442

■ 51.9290, 1.0210,
-0.8147

■ 56.0710, -1.0210,
0.8147

■ 59.9140, -2.9156,
1.8294

■ 63.4690, -4.6682,
3.9737

Harmonies

Analogous

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



26.0000, 13.3110, -22.8020



29.4470, 12.1046, -9.1620



31.5090, 8.1301, 5.6926

Triad

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



29.4470, 12.1046, -9.1620



30.2320, -8.4954, 18.2135



24.0530, -0.5191, -20.2175

Complementary

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



29.4470, 12.1046, -9.1620



43.5530, -12.1046, 9.1620

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.



27.0780, -8.4195, -6.2074



29.4470, 12.1046, -9.1620



29.1190, -13.8627, 13.0506

Square

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



29.4470, 12.1046, -9.1620



30.5510, -2.2436, 19.6878



28.3630, -13.9830, 4.9436



25.8230, 5.0173, -22.6468

Rectangle

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



29.4470, 12.1046, -9.1620



31.4560, 5.1982, 12.7551



28.3630, -13.9830, 4.9436



25.3910, -3.1508, -16.1289

Sweetspot

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



29.4470, 12.1046, -9.1620



61.8300, 4.5208, -3.3589



42.2810, 0.3545, -20.4174



29.7870, 3.0630, -2.4442



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



29.4470, 12.1046, -9.1620



32.2490, 19.1042, -14.2504



24.7840, 14.4035, 0.1894



25.9290, 1.0210, -0.8147



27.5110, 31.7931, -24.1271



65.4690, 75.6908, -57.4163

Inverse Universe

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



30.7190, -0.3545, 20.4174



34.3830, -0.6818, 32.1131



48.2160, -14.4035, -0.1894



26.0110, -0.0054, 1.7444



30.8140, -0.8943, 53.6601



73.3470, -2.1431, 127.7377

Previews

White Background



This preview shows how the YUV color 29.4470, 12.1046, -9.1620 looks on a white background.

Color Contrast Check

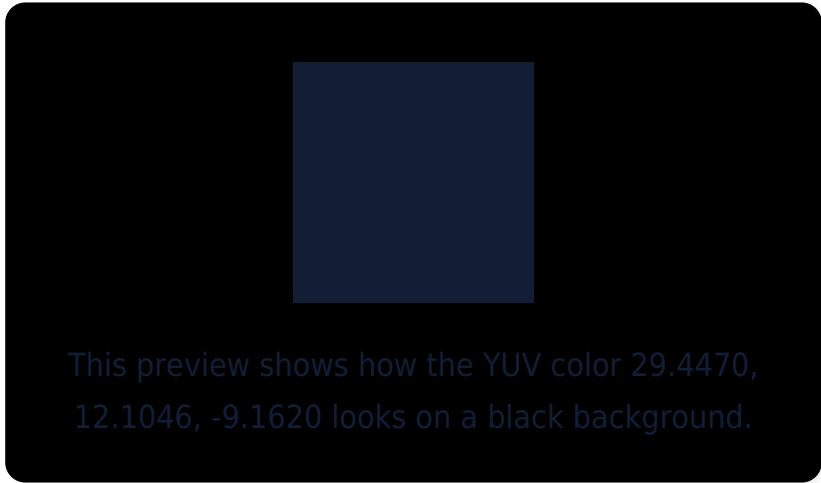
Large Text (above 18pt) WCAG AA ✓ Pass

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

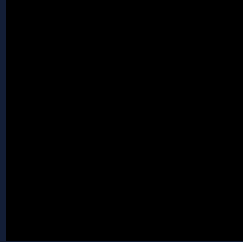
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.4470, 12.1046, -9.1620

Background



This preview shows how black text looks on a background with the YUV color 29.4470, 12.1046, -9.1620.



This preview shows how white text looks on a background with the YUV color 29.4470, 12.1046,

-9.1620.

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

29.4470, 12.1046, -9.1620

Protanopia

29.7460, 11.9572, -8.5472

Deuteranopia

27.6420, 12.9945, -14.5950



Tritanopia

26.5680, 5.1430, -16.2841

Trichromacy



Original Color

29.4470, 12.1046, -9.1620

Protanomaly

29.7460, 11.9572, -8.5472

Deuteranomaly

28.5390, 12.5523, -12.7507

Tritanomaly

27.8610, 7.4635, -13.9101

Monochromacy



Original Color

29.4470, 12.1046, -9.1620

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8300, 4.5208, -3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.4470, 12.1046, -9.1620 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(19, 30, 54)` looks like.

```
.text, #text, p{  
    color:rgb(19, 30, 54)  
}
```

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(19, 30, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 30, 54) }
```

Border

The CSS property to change the border of an element to YUV 29.4470, 12.1046, -9.1620 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(19, 30, 54) }
```


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

```
.border{ border-color:rgb(19, 30, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 30, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 30, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 30, 54);  
box-shadow:4px 4px 4px 4px rgb(19, 30, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.4470, 12.1046, -9.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 30, 54) }
```

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

```
.background{ background-color: rgb(19, 30,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor