

Converting Colors

YUV(31.3220, -8.5397, -14.3144)

Have a look what the booklet for
YUV(31.3220, -8.5397, -14.3144)
contains.

YUV(31.3220, -8.5397, -14.3144)	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(31.3220, -8.5397,
-14.3144)**

Conversions

Conversions Part 1

Format	Color
Hex	0F2B0E
RGB	15, 43, 14
RGB Percent	6%, 17%, 5%
CMY	0.9412, 0.8314, 0.9451
CMYK	0.65, 0.00, 0.67, 0.83
HSL	118°, 51%, 11%
HSV	118°, 67%, 17%
XYZ	1.1401, 1.8610, 0.7146
YIQ	31.3220, -7.3790, -14.9550

Conversions

Conversions Part 2

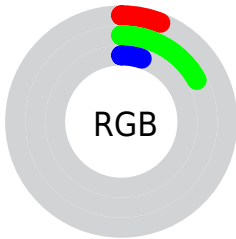
Format	Color
RYB	14, 43, 42
Decimal	994062
CIELab	14.74, -18.04, 15.19
CIELCh	15, 23.589, 139.902
Yxy	1.8610, 0.3068, 0.5008
Android (android.graphics.Color)	4279184142 (0xFF0F2B0E)
YUV	31.3220, -8.5397, -14.3144
Hunter-Lab	13.6419, -8.9549, 6.4436

Details

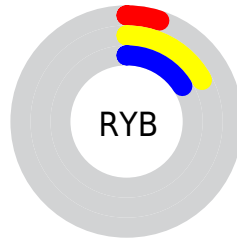
The YUV color **31.3220, -8.5397, -14.3144** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **25.6780, 8.5397, 14.3144**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.6810, -9.7027, -14.6292**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.6700, -9.6973, -16.3736**, and if you desaturate by 10%, it is **32.9740, -7.3822, -12.2552**.

Distribution



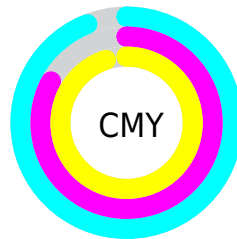
- Red (6%)
- Green (17%)
- Blue (5%)



- Red (5%)
- Yellow (17%)
- Blue (16%)



- Cyan (65%)
- Magenta (0%)
- Yellow (67%)
- Black (83%)



- Cyan (94%)
- Magenta (83%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.3220, -8.5397, -14.3144 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 31.3220, -8.5397, -14.3144 by changing the saturation by 10% instead.

■ 31.3220, -8.5397,
-14.3144

■ 31.3220, -8.5397,
-14.3144

■ 249.7730, -5.8041,
-5.0629

■ 14.0880, -6.9454,
-12.3552

■ 76.6810, -9.7027,
-14.6292

■ 0.0000, 0.0000,
0.0000

■ 100.2680, -9.9921,
-15.1440


■ 125.7410,
-10.7183, -15.5589


■ 151.6270,
-11.1551, -15.4589


■ 178.8010,
-11.7339, -16.4885


■ 206.3880,


-12.0233, -17.0033


 234.3880,
-12.0233, -17.0033


 31.3220, -8.5397,
-14.3144


 31.3220, -8.5397,
-14.3144


 29.6700, -9.6973,
-16.3736

 32.9740, -7.3822,
-12.2552


 27.9040, -11.2917,
-18.3328


 34.7400, -5.7878,
-10.2960

 26.2520, -12.4492,
-20.3920

 36.3920, -4.6303,
-8.2368

 25.5400, -12.5912,
-21.5216

 38.3430, -3.6201,
-5.5628

 40.1090, -2.0257,
-3.6036

■ 41.7610, -0.8682,
-1.5444

■ 43.4130, 0.2894,
0.5148

■ 45.0650, 1.4470,
2.5740

■ 46.8310, 3.0413,
4.5332

Harmonies

Analogous

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



34.2440, -16.8823, 1.5400



31.3220, -8.5397, -14.3144



29.9490, 0.5181, -26.2653

Triad

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



31.3220, -8.5397, -14.3144



32.0470, 18.7108, -28.1052



36.0250, -4.4493, 27.1651

Complementary

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



31.3220, -8.5397, -14.3144



25.6780, 8.5397, 14.3144

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.



36.9520, 2.9817, 23.7211



31.3220, -8.5397, -14.3144



36.3700, 15.5936, -8.2175

Square

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



31.3220, -8.5397, -14.3144



32.8960, 14.3483, -28.8498



38.7100, 10.0030, 11.6553



36.1140, -12.8742, 22.7020

Rectangle

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



31.3220, -8.5397, -14.3144



31.2030, 5.3229, -27.3650



38.7100, 10.0030, 11.6553



36.0080, -1.9759, 27.1800

Sweetspot

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



31.3220, -8.5397, -14.3144



51.4570, -3.1833, -5.6628



39.1070, -12.3778, 3.4142



25.4080, -2.1731, -2.9888



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.



31.3220, -8.5397, -14.3144



37.7140, -13.1700, -22.5512



32.5050, -2.7140, -16.2289



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.



25.6780, 8.5397, 14.3144



29.2860, 13.1700, 22.5512



24.4950, 2.7140, 16.2289



18.8260, 0.5788, 1.0296



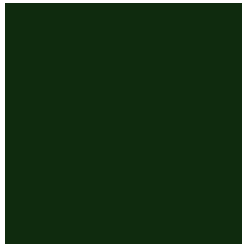
33.7950, 24.7511, 41.3988



85.1640, 62.5301, 104.2192

Previews

White Background



This preview shows how the YUV color 31.3220, -8.5397, -14.3144 looks on a white background.

Color Contrast Check

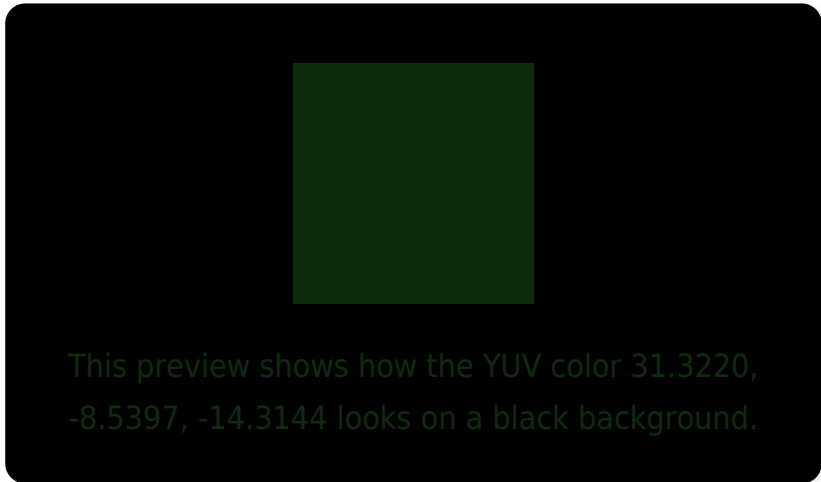
Large Text (above 18pt) WCAG AA ✓ Pass

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

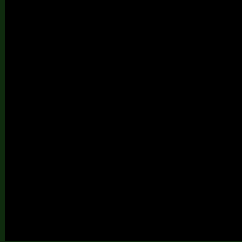
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.3220, -8.5397, -14.3144

Background



This preview shows how black text looks on a background with the YUV color 31.3220, -8.5397, -14.3144.



This preview shows how white text looks on a background with the YUV color 31.3220, -8.5397,

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

31.3220, -8.5397, -14.3144

Protanopia

35.6450, -11.6570, 5.5733

Deuteranopia

36.7100, -10.2100, 8.1473



Tritanopia

34.9600, 3.9637, -11.3659

Trichromacy



Original Color

31.3220, -8.5397, -14.3144

Protanomaly

33.9430, -10.3249, -1.7040

Deuteranomaly

35.0680, -9.8935, -0.0596

Tritanomaly

33.3960, -0.6882, -12.6253

Monochromacy



Original Color

31.3220, -8.5397, -14.3144

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.8700, -2.8939, -5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.3220, -8.5397, -14.3144 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(15, 43, 14)` looks like.

```
.text, #text, p{  
    color:rgb(15, 43, 14)  
}
```

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(15, 43, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 43, 14) }
```

Border

The CSS property to change the border of an element to YUV 31.3220, -8.5397, -14.3144 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(15, 43, 14) }
```


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

```
.border{ border-color:rgb(15, 43, 14) }
```

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

Here you see how a box with a 4 pixel rgb(15, 43, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 43, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 43, 14);  
box-shadow:4px 4px 4px 4px rgb(15, 43, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.3220, -8.5397, -14.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 43, 14) }
```

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

```
.background{ background-color: rgb(15, 43,  
14) }
```

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