

Converting Colors

YUV(114.7930, -20.1109,
-83.1335)

Have a look what the booklet for
YUV(114.7930, -20.1109, -83.1335)
contains.

YUV(114.7930, -20.1109, -83.1335)	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(114.7930, -20.1109,
-83.1335)**

Conversions

Conversions Part 1

Format	Color
Hex	14AB4A
RGB	20, 171, 74
RGB Percent	8%, 67%, 29%
CMY	0.9216, 0.3294, 0.7098
CMYK	0.88, 0.00, 0.57, 0.33
HSL	141°, 79%, 37%
HSV	141°, 88%, 67%
XYZ	16.0874, 29.7690, 11.3767
YIQ	114.7930, -58.8590, -62.1790

Conversions

Conversions Part 2

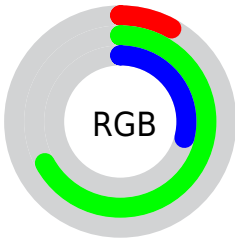
Format	Color
R_{YB}	20, 131, 171
Decimal	1354570
CIE _{Lab}	61.45, -57.28, 39.34
CIE _{LCh}	61, 69.486, 145.515
Yxy	29.7690, 0.2811, 0.5201
Android (android.graphics.Color)	4279544650 (0xFF14AB4A)
YUV	114.7930, -20.1109, -83.1335
Hunter-Lab	54.5609, -42.8504, 25.8299

Details

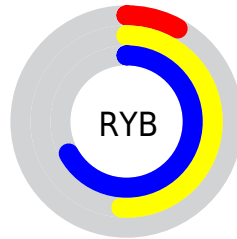
The YUV color **114.7930, -20.1109, -83.1335** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **76.2070, 20.1109, 83.1335**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0890, -25.6799, -70.2381**, and **71.3010, -23.8124, -62.5310** is the 20% darker color. If you saturate the color by 10%, you get **108.4560, -22.4098, -92.4849**, and if you desaturate by 10%, it is **121.1300, -17.8121, -73.7820**.

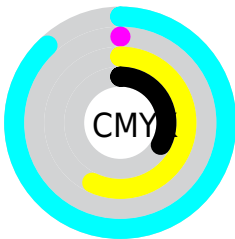
Distribution



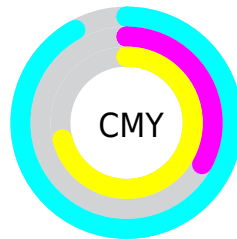
- Red (8%)
- Green (67%)
- Blue (29%)



- Red (8%)
- Yellow (51%)
- Blue (67%)



- Cyan (88%)
- Magenta (0%)
- Yellow (57%)
- Black (33%)



- Cyan (92%)
- Magenta (33%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.7930, -20.1109, -83.1335 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 114.7930, -20.1109, -83.1335 by changing the saturation by 10% instead.

■ 114.7930,
-20.1109, -83.1335

■ 114.7930,
-20.1109, -83.1335

■ 255.0000, 0.0000,
0.0000

■ 90.1140, -20.2692,
-79.0300

■ 177.0890,
-25.6799, -70.2381

■ 71.3010, -23.8124,
-62.5310

■ 205.2850,
-26.2695, -67.7789

■ 53.4170, -26.3346,
-46.8467

■ 217.3330,
-18.8982, -52.0350

■ 38.7420, -19.0998,
-33.9767

■ 229.1960,
-10.9426, -37.0059

■ 25.8280, -12.7332,
-22.6512

■ 241.4720, -2.6977,
-21.4619

■ 5.8700, -2.8939,
-5.1480

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 114.7930,
-20.1109, -83.1335

■ 114.7930,
-20.1109, -83.1335

■ 108.4560,
-22.4098, -92.4849

■ 121.1300,
-17.8121, -73.7820

■ 107.3310,
-22.8412, -94.1293

■ 127.4670,
-15.5132, -64.4306

■ 133.8040,
-13.2144, -55.0791

■ 140.1410,
-10.9155, -45.7277

■ 146.4780, -8.6167,
-36.3762

■ 153.1140, -6.4652,
-26.4100

■ 159.4510, -4.1663,
-17.0585

■ 165.7880, -1.8675,
-7.7071

■ 172.1250, 0.4314,
1.6444

Harmonies

Analogous

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



132.5060, -61.3815, -5.7058



114.7930, -20.1109, -83.1335



118.9300, 8.9085, -104.3016

Triad

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



114.7930, -20.1109, -83.1335



122.4030, 65.3703, -107.3474



140.9480, -20.6804, 100.0236

Complementary

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



114.7930, -20.1109, -83.1335



76.2070, 20.1109, 83.1335

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.



143.4830, 8.1429, 95.1694



114.7930, -20.1109, -83.1335



147.1740, 53.1582, -16.8156

Square

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



114.7930, -20.1109, -83.1335



128.7630, 59.2768, -112.9252



151.4620, 33.2962, 53.9688



142.4650, -48.5432, 76.7682

Rectangle

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



114.7930, -20.1109, -83.1335



124.4190, 27.4014, -109.1155



151.4620, 33.2962, 53.9688



140.2930, -10.4974, 100.5980

Sweetspot

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



114.7930, -20.1109, -83.1335



200.4400, -7.6119, -31.9579



137.9390, -58.1439, -17.4865



99.0270, -4.4503, -19.3177



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



114.7930, -20.1109, -83.1335



139.3200, -29.7378, -122.1836



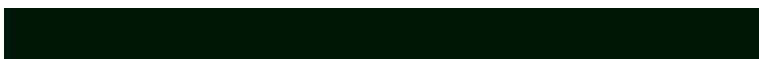
123.2290, 12.2121, -90.5318



83.6250, -1.2941, -4.9331



94.2060, -19.8216, -82.6187



14.4130, -3.1616, -12.6402

Inverse Universe

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



76.2070, 20.1109, 83.1335



82.6800, 29.7378, 122.1836



67.7710, -12.2121, 90.5318



81.3750, 1.2941, 4.9331



55.9080, 20.2584, 82.5187



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 114.7930, -20.1109, -83.1335 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 114.7930, -20.1109, -83.1335 looks on a black 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 × Fail

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

YUV 114.7930, -20.1109, -83.1335 Background



This preview shows how black text looks on a background with the YUV color 114.7930, -20.1109, -83.1335.



This preview shows how white text looks on a background with the YUV color 114.7930, -20.1109, -83.1335.

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

114.7930, -20.1109, -83.1335

Protanopia

142.6640, -37.3024, 17.8347

Deuteranopia

145.3480, -31.2306, 30.3898



Tritanopia

134.9740, 19.2398, -57.8592

Trichromacy



Original Color

114.7930, -20.1109, -83.1335



Protanomaly

132.7410, -30.9313, -19.0669



Deuteranomaly

134.1210, -27.1747, -10.6301



Tritanomaly

127.8360, 5.0109, -67.3852

Monochromacy



Original Color

114.7930, -20.1109, -83.1335



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

114.5650, -7.1805, -30.3135

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7930, -20.1109, -83.1335 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, 171, 74)` looks like.

```
.text, #text, p{  
    color:rgb(20, 171, 74)  
}
```

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, 171, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 171, 74) }
```

Border

The CSS property to change the border of an element to YUV 114.7930, -20.1109, -83.1335 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, 171, 74) }
```


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

```
.border{ border-color:rgb(20, 171, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 171, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 171, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 171, 74);  
box-shadow:4px 4px 4px 4px rgb(20, 171,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 114.7930, -20.1109, -83.1335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 171, 74) }
```

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

```
.background{ background-color: rgb(20, 171,  
74) }
```

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