

Converting Colors

YUV(131.9920, -55.2121,
-24.5490)

Have a look what the booklet for
YUV(131.9920, -55.2121, -24.5490)
contains.

YUV(131.9920, -55.2121, -24.5490)	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(131.9920, -55.2121,
-24.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	68A814
RGB	104, 168, 20
RGB Percent	41%, 66%, 8%
CMY	0.5922, 0.3412, 0.9216
CMYK	0.38, 0.00, 0.88, 0.34
HSL	86°, 79%, 37%
HSV	86°, 88%, 66%
XYZ	19.8378, 30.9988, 5.5996
YIQ	131.9920, 9.3640, -59.5960

Conversions

Conversions Part 2

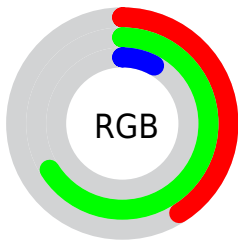
Format	Color
RYB	20, 168, 84
Decimal	6858772
CIELab	62.51, -41.80, 60.98
CIELCh	63, 73.933, 124.430
Yxy	30.9988, 0.3515, 0.5493
Android (android.graphics.Color)	4285048852 (0xFF68A814)
YUV	131.9920, -55.2121, -24.5490
Hunter-Lab	55.6766, -33.8337, 33.0106

Details

The YUV color **131.9920, -55.2121, -24.5490** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **56.0080, 55.2121, 24.5490**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6760, -52.5913, -25.1489**, and **81.5580, -40.2081, -30.3074** is the 20% darker color. If you saturate the color by 10%, you get **127.9610, -61.6058, -27.1528**, and if you desaturate by 10%, it is **136.0230, -48.8183, -21.9452**.

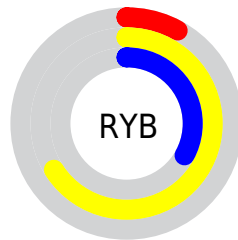
Distribution



Red (41%)

Green (66%)

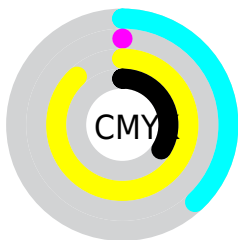
Blue (8%)



Red (8%)

Yellow (66%)

Blue (33%)

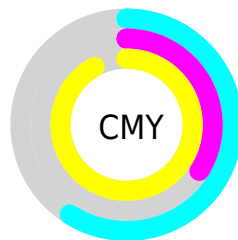


Cyan (38%)

Magenta (0%)

Yellow (88%)

Black (34%)



Cyan (59%)

Magenta (34%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.9920, -55.2121, -24.5490 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 131.9920, -55.2121, -24.5490 by changing the saturation by 10% instead.

■ 131.9920,
-55.2121, -24.5490

■ 131.9920,
-55.2121, -24.5490

■ 255.0000, 0.0000,
0.0000

■ 105.4910,
-52.0071, -25.8636

■ 188.6760,
-52.5913, -25.1489

■ 81.5580, -40.2081,
-30.3074

■ 216.8610,
-53.1755, -24.4341

■ 55.8200, -27.5193,
-40.1841

■ 230.4850,
-46.0881, -10.9493

■ 38.7420, -19.0998,
-33.9767

■ 242.6470,
-38.2800, 4.6946

■ 25.8280, -12.7332,
-22.6512

■ 247.9320,
-27.0815, 6.1986

■ 9.3920, -4.6303,
-8.2368

■ 251.2380,

■ 0.0000, 0.0000,

-14.4143, 3.2993

0.0000

254.5440, -1.7472,
0.3999

■ 131.9920,
-55.2121, -24.5490

■ 131.9920,
-55.2121, -24.5490

■ 127.9610,
-61.6058, -27.1528

■ 136.0230,
-48.8183, -21.9452

■ 127.0210,
-62.6214, -28.0824

■ 140.3530,
-42.5720, -18.7266

■ 144.2700,
-36.6151, -16.0228

■ 148.3010,
-30.2214, -13.4190

■ 152.3320,
-23.8277, -10.8152

■ 156.6620,
-17.5814, -7.5966

■ 160.6930,
-11.1876, -4.9928

■ 164.6100, -5.2307,
-2.2890

■ 168.6410, 1.1630,
0.3148

Harmonies

Analogous

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



140.0650, -69.0520, 28.0070



131.9920, -55.2121, -24.5490



114.2730, -11.4736, -100.2174

Triad

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



131.9920, -55.2121, -24.5490



130.6210, 61.3188, -114.5546



139.0340, 2.4482, 101.7022

Complementary

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



131.9920, -55.2121, -24.5490



56.0080, 55.2121, 24.5490

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.



151.0410, 28.5738, 75.3860



131.9920, -55.2121, -24.5490



120.6420, 66.2385, -105.8030

Square

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



131.9920, -55.2121, -24.5490



131.1960, 45.7524, -115.0589



153.5300, 50.0247, 8.3052



141.8310, -29.9897, 99.2492

Rectangle

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



131.9920, -55.2121, -24.5490



121.1640, 7.3141, -106.2608



153.5300, 50.0247, 8.3052



142.7160, 11.4790, 98.4731

Sweetspot

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



131.9920, -55.2121, -24.5490



205.3260, -21.3597, -9.0559



100.6460, -39.7585, 59.0695



101.6390, -12.6400, -5.8224



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



131.9920, -55.2121, -24.5490



165.6290, -81.6551, -36.5086



110.4640, -44.5988, -68.8129



82.1910, -3.0522, -1.0445



111.9920, -55.2121, -24.5490



15.3280, -7.5567, -2.9187

Inverse Universe

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



56.0080, 55.2121, 24.5490



53.3710, 81.6551, 36.5086



77.5360, 44.5988, 68.8129



77.8090, 3.0522, 1.0445



36.0080, 55.2121, 24.5490



4.9710, 7.4093, 3.5334

Previews

White Background



This preview shows how the YUV color 131.9920, -55.2121, -24.5490 looks on a white 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

Black Background



This preview shows how the YUV color 131.9920, -55.2121, -24.5490 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 ✓ Pass

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

YUV 131.9920, -55.2121, -24.5490 Background



This preview shows how black text looks on a background with the YUV color 131.9920, -55.2121, -24.5490.



This preview shows how white text looks on a background with the YUV color 131.9920, -55.2121, -24.5490.

-24.5490.

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

131.9920, -55.2121, -24.5490

Protanopia

141.0630, -62.6421, 25.3777

Deuteranopia

144.7840, -52.6445, 38.7774



Tritanopia

147.3160, 10.6902, -22.2021

Trichromacy



Original Color

131.9920, -55.2121, -24.5490

Protanomaly

137.6370, -59.9670, 7.3344

Deuteranomaly

140.0000, -53.7370, 15.7860

Tritanomaly

141.4150, -13.0226, -23.1660

Monochromacy



Original Color

131.9920, -55.2121, -24.5490

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.9670, -20.1967, -8.7411

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9920, -55.2121, -24.5490 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(104, 168, 20)` looks like.

```
.text, #text, p{  
    color:rgb(104, 168, 20)  
}
```

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(104, 168, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 168, 20) }
```

Border

The CSS property to change the border of an element to YUV 131.9920, -55.2121, -24.5490 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(104, 168, 20) }
```


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

```
.border{ border-color:rgb(104, 168, 20) }
```

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

Here you see how a box with a 4 pixel rgb(104, 168, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 168, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 168, 20);  
box-shadow:4px 4px 4px 4px rgb(104, 168,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 131.9920, -55.2121, -24.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 168, 20) }
```

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

```
.background{ background-color: rgb(104,  
168, 20) }
```

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