

Converting Colors

YUV(120.2920, -33.1750,
0.6209)

Have a look what the booklet for
YUV(120.2920, -33.1750, 0.6209)
contains.

YUV(120.2920, -33.1750, 0.6209)	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(120.2920, -33.1750,
0.6209)**

Conversions

Conversions Part 1

Format	Color
Hex	798535
RGB	121, 133, 53
RGB Percent	47%, 52%, 21%
CMY	0.5255, 0.4784, 0.7922
CMYK	0.09, 0.00, 0.60, 0.48
HSL	69°, 43%, 36%
HSV	69°, 60%, 52%
XYZ	16.9153, 21.0970, 6.5488
YIQ	120.2920, 18.5280, -27.4240

Conversions

Conversions Part 2

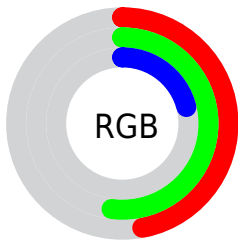
Format	Color
R_{YB}	53, 133, 65
Decimal	7963957
CIE _{Lab}	53.06, -16.41, 40.70
CIE _{LCh}	53, 43.884, 111.957
Yxy	21.0970, 0.3796, 0.4734
Android (android.graphics.Color)	4286154037 (0xFF798535)
YUV	120.2920, -33.1750, 0.6209
Hunter-Lab	45.9315, -14.6436, 23.6987

Details

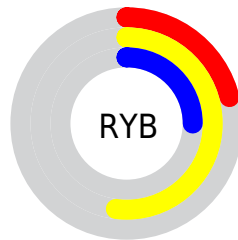
The YUV color **120.2920, -33.1750, 0.6209** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **65.7080, 33.1750, -0.6209**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2490, -34.6328, 1.5356**, and **70.2380, -34.6273, -0.2087** is the 20% darker color. If you saturate the color by 10%, you get **118.2120, -38.5585, 0.6911**, and if you desaturate by 10%, it is **122.3720, -27.7914, 0.5508**.

Distribution



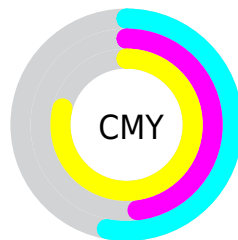
- Red (47%)
- Green (52%)
- Blue (21%)



- Red (21%)
- Yellow (52%)
- Blue (25%)



- Cyan (9%)
- Magenta (0%)
- Yellow (60%)
- Black (48%)



- Cyan (53%)
- Magenta (48%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2920, -33.1750, 0.6209 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 120.2920, -33.1750, 0.6209 by changing the saturation by 10% instead.

120.2920,
-33.1750, 0.6209

120.2920,
-33.1750, 0.6209

255.0000, 0.0000,
0.0000

94.9930, -33.0275,
0.0061

173.2490,
-34.6328, 1.5356

70.2380, -34.6273,
-0.2087

201.0210,
-35.5064, 1.7356

48.9740, -24.1442,
-2.6082

229.0920,
-36.5274, 2.5503

29.1720, -14.3818,
-7.1668

246.7920,
-31.4495, 7.1984

11.1530, -5.4984,
-9.7812

249.9840,
-19.2191, 4.3990

0.0000, 0.0000,
0.0000

253.1760, -6.9888,

1.5996

■ 120.2920,
-33.1750, 0.6209

■ 120.2920,
-33.1750, 0.6209

■ 118.2120,
-38.5585, 0.6911

■ 122.3720,
-27.7914, 0.5508

■ 116.0180,
-44.3789, 0.8612

■ 124.5660,
-21.9710, 0.3806

■ 113.9380,
-49.7624, 0.9314

■ 126.6460,
-16.5875, 0.3105

■ 111.8580,
-55.1460, 1.0015

■ 128.7260,
-11.2039, 0.2403

■ 130.9200, -5.3836,
0.0702

■ 133.0000, 0.0000,
0.0000

■ 135.0800, 5.3836,
-0.0702

■ 137.1600, 10.7671,
-0.1403

■ 139.3540, 16.5875,
-0.3105

Harmonies

Analogous

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



123.5560, -36.7561, 29.3304



120.2920, -33.1750, 0.6209



114.3830, -17.9368, -33.6619

Triad

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



120.2920, -33.1750, 0.6209



104.4440, 39.7141, -91.5974



128.6060, 4.6312, 54.7195

Complementary

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



120.2920, -33.1750, 0.6209



65.7080, 33.1750, -0.6209

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.



130.7950, 21.3001, 28.2438



120.2920, -33.1750, 0.6209



101.5720, 49.0180, -89.0786

Square

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



120.2920, -33.1750, 0.6209



102.6710, 25.3052, -90.0425



126.9730, 34.5233, -13.1313



126.7690, -12.7041, 61.5926

Rectangle

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



120.2920, -33.1750, 0.6209



103.3320, -0.6567, -69.5742



126.9730, 34.5233, -13.1313



129.7560, 10.4733, 47.5720

Sweetspot

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



120.2920, -33.1750, 0.6209



168.2700, -12.9511, 0.6402



83.9640, -15.2653, 43.0046



83.9370, -7.8569, 0.0553



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



120.2920, -33.1750, 0.6209



153.4820, -51.5096, 1.3313



108.3320, -27.2787, -23.9702



65.0170, -2.4734, -0.0149



109.4990, -53.9830, 1.3164



2.3590, -1.1630, -0.3148

Inverse Universe

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



65.7080, 33.1750, -0.6209



68.5180, 51.5096, -1.3313



77.6680, 27.2787, 23.9702



60.9830, 2.4734, 0.0149



20.8000, 53.8356, -0.7016



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 120.2920, -33.1750, 0.6209 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 120.2920, -33.1750, 0.6209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

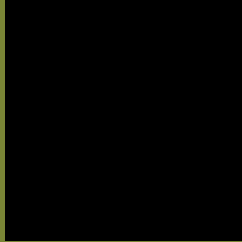
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.2920, -33.1750, 0.6209

Background



This preview shows how black text looks on a background with the YUV color 120.2920, -33.1750, 0.6209.



This preview shows how white text looks on a background with the YUV color 120.2920, -33.1750,

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

120.2920, -33.1750, 0.6209

Protanopia

122.5220, -35.2603, 16.2052

Deuteranopia

123.8810, -32.9723, 29.0454



Tritanopia

127.6350, 3.6309, 2.0741

Trichromacy



Original Color

120.2920, -33.1750, 0.6209

Protanomaly

121.7170, -34.3705, 10.7722

Deuteranomaly

122.8150, -32.9398, 18.5792

Tritanomaly

125.0790, -9.8989, 1.6847

Monochromacy



Original Color

120.2920, -33.1750, 0.6209

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1990, -11.9301, -0.1745

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2920, -33.1750, 0.6209 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(121, 133, 53)` looks like.

```
.text, #text, p{  
    color:rgb(121, 133, 53)  
}
```

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(121, 133, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 133, 53) }
```

Border

The CSS property to change the border of an element to YUV 120.2920, -33.1750, 0.6209 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(121, 133, 53) }
```


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

```
.border{ border-color:rgb(121, 133, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 133, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 133, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 133, 53);  
box-shadow:4px 4px 4px 4px rgb(121, 133,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 120.2920, -33.1750, 0.6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 133, 53) }
```

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

```
.background{ background-color: rgb(121,  
133, 53) }
```

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