

Converting Colors

YUV(133.7520, -54.1077,
41.4365)

Have a look what the booklet for
YUV(133.7520, -54.1077, 41.4365)
contains.

YUV(133.7520, -54.1077, 41.4365)	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(133.7520, -54.1077,
41.4365)**

Conversions

Conversions Part 1

Format	Color
Hex	B58318
RGB	181, 131, 24
RGB Percent	71%, 51%, 9%
CMY	0.2902, 0.4863, 0.9059
CMYK	0.00, 0.28, 0.87, 0.29
HSL	41°, 77%, 40%
HSV	41°, 87%, 71%
XYZ	27.3372, 26.1223, 4.4654
YIQ	133.7520, 64.1470, -22.6770

Conversions

Conversions Part 2

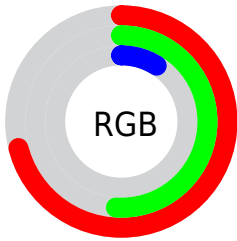
Format	Color
R_{YB}	97, 181, 24
Decimal	11895576
CIE _{Lab}	58.15, 10.42, 58.88
CIE _{LCh}	58, 59.794, 79.962
Yxy	26.1223, 0.4719, 0.4510
Android (android.graphics.Color)	4290085656 (0xFFB58318)
YUV	133.7520, -54.1077, 41.4365
Hunter-Lab	51.1100, 6.0319, 30.5969

Details

The YUV color **133.7520, -54.1077, 41.4365** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **71.2480, 54.1077, -41.4365**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.1870, -53.8292, 45.4400**, and **84.9110, -41.8611, 33.4041** is the 20% darker color. If you saturate the color by 10%, you get **128.1780, -60.2338, 46.3249**, and if you desaturate by 10%, it is **139.3260, -47.9817, 36.5481**.

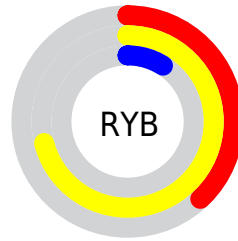
Distribution



Red (71%)

Green (51%)

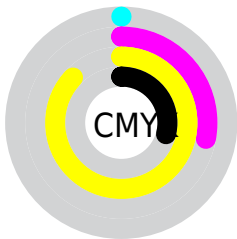
Blue (9%)



Red (38%)

Yellow (71%)

Blue (9%)

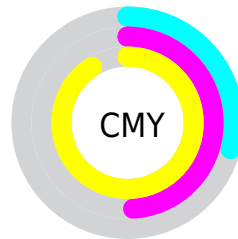


Cyan (0%)

Magenta (28%)

Yellow (87%)

Black (29%)



Cyan (29%)

Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.7520, -54.1077, 41.4365 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 133.7520, -54.1077, 41.4365 by changing the saturation by 10% instead.

■ 133.7520,
-54.1077, 41.4365

■ 133.7520,
-54.1077, 41.4365

■ 255.0000, 0.0000,
0.0000

■ 107.6700,
-53.0813, 38.8774

■ 189.1870,
-53.8292, 45.4400

■ 84.9110, -41.8611,
33.4041

■ 212.3000,
-51.9129, 37.4479

■ 63.0380, -31.0777,
28.0307

■ 232.4010,
-48.5117, 19.8193

■ 42.6380, -21.0205,
22.2425

■ 244.2840,
-41.0590, 9.3979

■ 23.1240, -11.4001,
16.5543

■ 247.4760,
-28.8287, 6.5985

■ 1.7940, -0.8844,
3.6887

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

253.9740, -3.9312,
0.8998

133.7520,
-54.1077, 41.4365

133.7520,
-54.1077, 41.4365

128.1780,
-60.2338, 46.3249

139.3260,
-47.9817, 36.5481

126.3200,
-62.2758, 47.9544

144.9000,
-41.8557, 31.6597

149.8870,
-35.4403, 27.2861

155.4610,
-29.3143, 22.3977

161.1490,
-22.7515, 17.4093

■ 166.7230,
-16.6254, 12.5209

■ 171.7100,
-10.2100, 8.1473

■ 177.2840, -4.0840,
3.2589

■ 182.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



136.2930, -37.6124, 70.7800



133.7520, -54.1077, 41.4365



129.7210, -50.6415, 2.8757

Triad

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



133.7520, -54.1077, 41.4365



116.1040, 28.5427, -101.8232



143.8960, 31.6033, 36.9252

Complementary

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



133.7520, -54.1077, 41.4365



71.2480, 54.1077, -41.4365

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.



137.0110, 50.2806, -27.1966



133.7520, -54.1077, 41.4365



119.4730, 49.0668, -104.7778

Square

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



133.7520, -54.1077, 41.4365



109.3610, 5.2450, -95.9096



116.3390, 62.4439, -102.0293



138.9320, 10.3865, 75.4816

Rectangle

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



133.7520, -54.1077, 41.4365



124.8340, -35.4142, -27.9184



116.3390, 62.4439, -102.0293



143.7950, 38.0621, 18.5968

Sweetspot

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



133.7520, -54.1077, 41.4365



216.3060, -20.8569, 16.3946



76.8710, -0.4294, 91.3211



106.4390, -12.5414, 9.2620



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



133.7520, -54.1077, 41.4365



164.1850, -80.9432, 62.1048



155.3280, -64.7447, -0.2877



86.2130, -3.0630, 2.4442



106.7950, -52.6499, 40.5218



17.7530, -8.7522, 7.2326

Inverse Universe

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



71.2480, 54.1077, -41.4365



70.8150, 80.9432, -62.1048



49.6720, 64.7447, 0.2877



82.7870, 3.0630, -2.4442



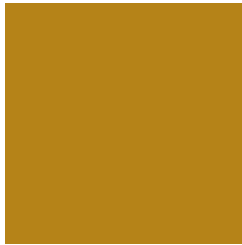
46.2050, 52.6499, -40.5218



7.6600, 9.0416, -6.7178

Previews

White Background



This preview shows how the YUV color 133.7520, -54.1077, 41.4365 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 133.7520, -54.1077, 41.4365 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 133.7520, -54.1077, 41.4365

Background



This preview shows how black text looks on a background with the YUV color 133.7520, -54.1077, 41.4365.



This preview shows how white text looks on a background with the YUV color 133.7520, -54.1077, 41.4365.

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

133.7520, -54.1077, 41.4365

Protanopia

132.5000, -52.0115, 22.3635

Deuteranopia

133.6160, -54.5337, 38.0478



Tritanopia

142.4610, -5.6503, 39.0607

Trichromacy



Original Color

133.7520, -54.1077, 41.4365

Protanomaly

133.0170, -52.7594, 28.9261

Deuteranomaly

133.3280, -54.3917, 39.1773

Tritanomaly

139.1780, -23.2588, 40.1859

Monochromacy



Original Color

133.7520, -54.1077, 41.4365

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9360, -19.6884, 14.9651

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7520, -54.1077, 41.4365 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(181, 131, 24)` looks like.

```
.text, #text, p{  
    color:rgb(181, 131, 24)  
}
```

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(181, 131, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 131, 24) }
```

Border

The CSS property to change the border of an element to YUV 133.7520, -54.1077, 41.4365 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(181, 131, 24) }
```


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

```
.border{ border-color:rgb(181, 131, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 131, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 131, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 131, 24);  
box-shadow:4px 4px 4px 4px rgb(181, 131,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 133.7520, -54.1077, 41.4365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 131, 24) }
```

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

```
.background{ background-color: rgb(181,  
131, 24) }
```

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