

Converting Colors

YUV(127.4240, -53.4530,
18.0452)

Have a look what the booklet for
YUV(127.4240, -53.4530, 18.0452)
contains.

YUV(127.4240, -53.4530, 18.0452)	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(127.4240, -53.4530,
18.0452)**

Conversions

Conversions Part 1

Format	Color
Hex	948A13
RGB	148, 138, 19
RGB Percent	58%, 54%, 7%
CMY	0.4196, 0.4588, 0.9255
CMYK	0.00, 0.07, 0.87, 0.42
HSL	55°, 77%, 33%
HSV	55°, 87%, 58%
XYZ	21.4188, 24.5199, 4.2200
YIQ	127.4240, 44.1590, -34.8890

Conversions

Conversions Part 2

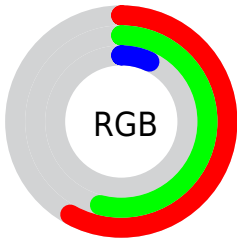
Format	Color
R_{YB}	30, 148, 19
Decimal	9734675
CIE Lab	56.60, -8.68, 57.50
CIE LCh	57, 58.149, 98.588
Yxy	24.5199, 0.4270, 0.4888
Android (android.graphics.Color)	4287924755 (0xFF948A13)
YUV	127.4240, -53.4530, 18.0452
Hunter-Lab	49.5175, -9.4457, 29.6094

Details

The YUV color **127.4240, -53.4530, 18.0452** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **39.5760, 53.4530, -18.0452**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.1900, -51.8587, 20.0044**, and **79.4630, -39.1753, 11.8719** is the 20% darker color. If you saturate the color by 10%, you get **125.1270, -59.7156, 20.0596**, and if you desaturate by 10%, it is **129.7210, -47.1905, 16.0307**.

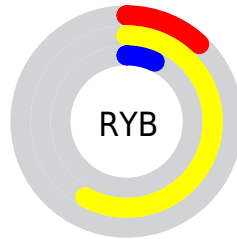
Distribution



Red (58%)

Green (54%)

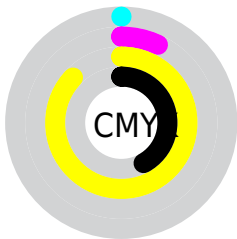
Blue (7%)



Red (12%)

Yellow (58%)

Blue (7%)

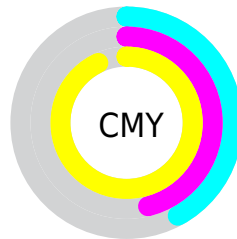


Cyan (0%)

Magenta (7%)

Yellow (87%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4240, -53.4530, 18.0452 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 127.4240, -53.4530, 18.0452 by changing the saturation by 10% instead.

■ 127.4240,
-53.4530, 18.0452

■ 127.4240,
-53.4530, 18.0452

■ 255.0000, 0.0000,
0.0000

■ 102.2110,
-50.3900, 15.6010

■ 182.1900,
-51.8587, 20.0044

■ 79.4630, -39.1753,
11.8719

■ 210.6740,
-52.5903, 21.3339

■ 58.1880, -28.6867,
7.7281

■ 236.1680,
-51.8478, 16.5157

■ 38.0870, -18.7769,
2.5547

■ 243.9420,
-42.3694, 9.6979

■ 18.2740, -9.0091,
-3.7483

■ 247.1340,
-30.1391, 6.8985

■ 0.0000, 0.0000,
0.0000

■ 250.4400,

-17.4719, 3.9991

■ 253.7460, -4.8048,
1.0998

■ 127.4240,
-53.4530, 18.0452

■ 127.4240,
-53.4530, 18.0452

■ 125.1270,
-59.7156, 20.0596

■ 129.7210,
-47.1905, 16.0307

■ 124.6710,
-61.4628, 20.4595

■ 132.0180,
-40.9279, 14.0162

■ 134.2010,
-35.1021, 12.1017

■ 137.0850,
-29.1289, 9.5725

■ 139.3820,
-22.8663, 7.5580

■ 141.6790,
-16.6037, 5.5435

■ 143.9760,
-10.3412, 3.5290

■ 146.1590, -4.5154,
1.6146

■ 148.4560, 1.7472,
-0.3999

Harmonies

Analogous

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



131.6530, -47.1569, 52.0473



127.4240, -53.4530, 18.0452



121.5570, -35.2776, -25.0445

Triad

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



127.4240, -53.4530, 18.0452



115.3180, 40.7622, -101.1339



137.7930, 17.8501, 61.5715

Complementary

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



127.4240, -53.4530, 18.0452



39.5760, 53.4530, -18.0452

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.



139.5450, 37.1993, 15.3080



127.4240, -53.4530, 18.0452



114.8570, 56.7655, -100.7296

Square

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



127.4240, -53.4530, 18.0452



110.9060, 18.7803, -97.2646



121.6750, 56.3622, -64.6130



132.9640, -4.9123, 82.4696

Rectangle

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



127.4240, -53.4530, 18.0452



110.5590, -15.0656, -68.0192



121.6750, 56.3622, -64.6130



138.8390, 24.7294, 48.3762

Sweetspot

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



127.4240, -53.4530, 18.0452



183.0660, -20.2455, 6.9581



58.8250, -14.2107, 78.2065



92.4060, -12.5252, 4.0289



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



127.4240, -53.4530, 18.0452



160.4210, -79.0876, 26.8178



117.1480, -48.3870, -20.3008



72.6150, -2.7682, 1.2146



115.8110, -57.0948, 19.4598



8.2730, -4.0786, 1.5146

Inverse Universe

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



39.5760, 53.4530, -18.0452



30.5790, 79.0876, -26.8178



49.8520, 48.3870, 20.3008



67.7980, 3.0576, -0.6998



22.1890, 57.0948, -19.4598



1.7270, 4.0786, -1.5146

Previews

White Background



This preview shows how the YUV color 127.4240, -53.4530, 18.0452 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 127.4240, -53.4530, 18.0452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

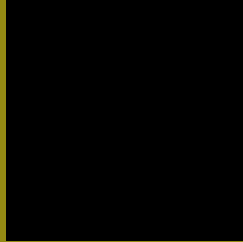
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.4240, -53.4530, 18.0452

Background



This preview shows how black text looks on a background with the YUV color 127.4240, -53.4530, 18.0452.



This preview shows how white text looks on a background with the YUV color 127.4240, -53.4530, 18.0452.

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

127.4240, -53.4530, 18.0452

Protanopia

127.6310, -54.0481, 22.2486

Deuteranopia

129.8160, -51.1813, 36.1184



Tritanopia

137.5120, 0.2406, 16.2140

Trichromacy



Original Color

127.4240, -53.4530, 18.0452

Protanomaly

127.6200, -54.0427, 20.5043

Deuteranomaly

128.8430, -52.1806, 29.9557

Tritanomaly

134.0610, -19.2571, 16.6095

Monochromacy



Original Color

127.4240, -53.4530, 18.0452

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2940, -19.3719, 6.7582

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4240, -53.4530, 18.0452 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(148, 138, 19)` looks like.

```
.text, #text, p{  
    color:rgb(148, 138, 19)  
}
```

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(148, 138, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 138, 19) }
```

Border

The CSS property to change the border of an element to YUV 127.4240, -53.4530, 18.0452 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(148, 138, 19) }
```


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

```
.border{ border-color:rgb(148, 138, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 138, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 138, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 138, 19);  
box-shadow:4px 4px 4px 4px rgb(148, 138,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 127.4240, -53.4530, 18.0452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 138, 19) }
```

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

```
.background{ background-color: rgb(148,  
138, 19) }
```

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