

Converting Colors

YUV(120.0810, -53.2839,
10.4530)

Have a look what the booklet for
YUV(120.0810, -53.2839, 10.4530)
contains.

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Color

**YUV(120.0810, -53.2839,
10.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	84870C
RGB	132, 135, 12
RGB Percent	52%, 53%, 5%
CMY	0.4824, 0.4706, 0.9529
CMYK	0.02, 0.00, 0.91, 0.47
HSL	61°, 84%, 29%
HSV	61°, 91%, 53%
XYZ	18.2461, 22.2600, 3.6828
YIQ	120.0810, 37.6950, -38.8890

Conversions

Conversions Part 2

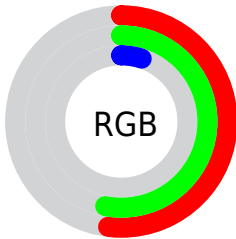
Format	Color
R_{YB}	12, 135, 15
Decimal	8685324
CIE Lab	54.30, -14.59, 56.53
CIE LCh	54, 58.383, 104.473
Yxy	22.2600, 0.4129, 0.5037
Android (android.graphics.Color)	4286875404 (0xFF84870C)
YUV	120.0810, -53.2839, 10.4530
Hunter-Lab	47.1805, -13.5349, 28.3984

Details

The YUV color **120.0810, -53.2839, 10.4530** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **26.9190, 53.2839, -10.4530**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8900, -50.2318, 11.4975**, and **74.1030, -36.5328, 4.2947** is the 20% darker color. If you saturate the color by 10%, you get **118.7130, -58.5255, 11.6527**, and if you desaturate by 10%, it is **121.6770, -47.1688, 9.0533**.

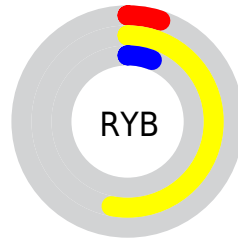
Distribution



Red (52%)

Green (53%)

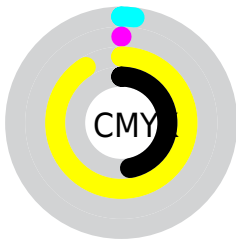
Blue (5%)



Red (5%)

Yellow (53%)

Blue (6%)

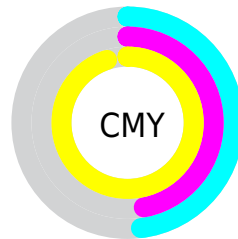


Cyan (2%)

Magenta (0%)

Yellow (91%)

Black (47%)



Cyan (48%)

Magenta (47%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.0810, -53.2839, 10.4530 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 120.0810, -53.2839, 10.4530 by changing the saturation by 10% instead.

■ 120.0810,
-53.2839, 10.4530

■ 120.0810,
-53.2839, 10.4530

■ 255.0000, 0.0000,
0.0000

■ 95.9650, -47.3107,
7.9237

■ 174.8900,
-50.2318, 11.4975

■ 74.1030, -36.5328,
4.2947

■ 202.9610,
-51.2528, 12.3122

■ 52.5290, -25.8968,
-0.4639

■ 231.4450,
-51.9844, 13.6417

■ 32.1400, -15.8450,
-4.5078

■ 243.4860,
-44.1166, 10.0978

■ 12.9140, -6.3666,
-11.3256

■ 246.5640,
-32.3231, 7.3984

■ 0.0000, 0.0000,
0.0000

■ 249.8700,

-19.6559, 4.4990

■ 253.1760, -6.9888,
1.5996

■ 120.0810,
-53.2839, 10.4530

■ 120.0810,
-53.2839, 10.4530

■ 118.7130,
-58.5255, 11.6527

■ 121.6770,
-47.1688, 9.0533

■ 123.4580,
-41.6378, 8.3683

■ 125.0540,
-35.5226, 6.9686

■ 126.5360,
-29.8442, 5.6689

■ 128.3170,
-24.3133, 4.9840

■ 129.9130,
-18.1981, 3.5843

■ 131.5090,
-12.0829, 2.1846

■ 133.2900, -6.5520,
1.4997

■ 134.7720, -0.8736,
0.2000

Harmonies

Analogous

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



124.2840, -50.9190, 45.3549



120.0810, -53.2839, 10.4530



113.4570, -30.2983, -35.4808

Triad

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



120.0810, -53.2839, 10.4530



111.4370, 43.6616, -97.7302



129.8000, 13.9026, 67.7044

Complementary

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



120.0810, -53.2839, 10.4530



26.9190, 53.2839, -10.4530

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.



133.4000, 33.8198, 25.9592



120.0810, -53.2839, 10.4530



109.8190, 57.7702, -96.3113

Square

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



120.0810, -53.2839, 10.4530



107.9540, 22.7007, -94.6757



122.3680, 52.0766, -43.2957



125.9380, -8.8434, 83.3694

Rectangle

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



120.0810, -53.2839, 10.4530



97.6260, -6.7176, -85.6180



122.3680, 52.0766, -43.2957



131.8570, 20.7765, 56.2534

Sweetspot

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



120.0810, -53.2839, 10.4530



170.2290, -20.8189, 4.1842



49.9510, -18.7098, 74.5880



85.8080, -12.2303, 2.7994



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



120.0810, -53.2839, 10.4530



154.7400, -76.2868, 15.1370



101.8420, -44.2921, -27.0484



65.3160, -2.6208, 0.5999



114.2830, -56.3415, 11.1528



2.3590, -1.1630, -0.3148

Inverse Universe

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



26.9190, 53.2839, -10.4530



21.2600, 76.2868, -15.1370



45.1580, 44.2921, 27.0484



60.6840, 2.6208, -0.5999



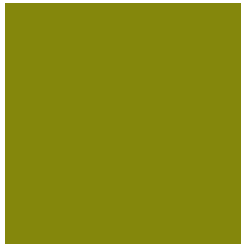
15.7170, 56.3415, -11.1528



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 120.0810, -53.2839, 10.4530 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 120.0810, -53.2839, 10.4530 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 120.0810, -53.2839, 10.4530

Background



This preview shows how black text looks on a background with the YUV color 120.0810, -53.2839, 10.4530.



This preview shows how white text looks on a background with the YUV color 120.0810, -53.2839, 10.4530.

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

120.0810, -53.2839, 10.4530

Protanopia

121.1040, -54.7743, 21.8338

Deuteranopia

123.9730, -49.2867, 35.1037



Tritanopia

131.5110, 1.7201, 8.3219

Trichromacy



Original Color

120.0810, -53.2839, 10.4530

Protanomaly

120.8970, -54.1792, 17.6303

Deuteranomaly

122.2770, -50.4226, 26.0671

Tritanomaly

127.2450, -18.3618, 9.4321

Monochromacy



Original Color

120.0810, -53.2839, 10.4530

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.6850, -19.0717, 3.7843

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0810, -53.2839, 10.4530 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(132, 135, 12)` looks like.

```
.text, #text, p{  
    color:rgb(132, 135, 12)  
}
```

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(132, 135, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 135, 12) }
```

Border

The CSS property to change the border of an element to YUV 120.0810, -53.2839, 10.4530 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(132, 135, 12) }
```


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

```
.border{ border-color:rgb(132, 135, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 135, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 135, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 135, 12);  
box-shadow:4px 4px 4px 4px rgb(132, 135,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 120.0810, -53.2839, 10.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 135, 12) }
```

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

```
.background{ background-color: rgb(132,  
135, 12) }
```

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](#).

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