

Converting Colors

YUV(170.5190, -54.4859,
-24.1342)

Have a look what the booklet for
YUV(170.5190, -54.4859, -24.1342)
contains.

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Color

**YUV(170.5190, -54.4859,
-24.1342)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCE3C
RGB	143, 206, 60
RGB Percent	56%, 81%, 24%
CMY	0.4392, 0.1922, 0.7647
CMYK	0.31, 0.00, 0.71, 0.19
HSL	86°, 60%, 52%
HSV	86°, 71%, 81%
XYZ	34.2146, 50.3085, 12.1822
YIQ	170.5190, 9.3180, -58.7620

Conversions

Conversions Part 2

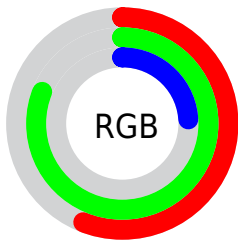
Format	Color
RYB	60, 206, 123
Decimal	9424444
CIELab	76.26, -41.98, 62.69
CIELCh	76, 75.453, 123.809
Yxy	50.3085, 0.3538, 0.5202
Android (android.graphics.Color)	4287614524 (0xFF8FCE3C)
YUV	170.5190, -54.4859, -24.1342
Hunter-Lab	70.9285, -38.0197, 39.4667

Details

The YUV color **170.5190, -54.4859, -24.1342** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **95.4810, 54.4859, 24.1342**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0080, -52.7549, -19.3010**, and **114.6500, -56.5224, -24.2491** is the 20% darker color. If you saturate the color by 10%, you get **165.4340, -62.3320, -27.5676**, and if you desaturate by 10%, it is **175.6040, -46.6398, -20.7007**.

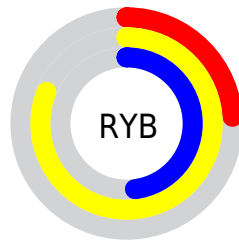
Distribution



Red (56%)

Green (81%)

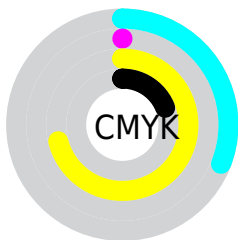
Blue (24%)



Red (24%)

Yellow (81%)

Blue (48%)

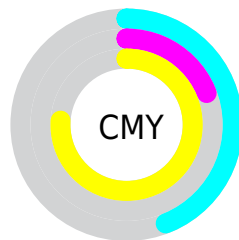


Cyan (31%)

Magenta (0%)

Yellow (71%)

Black (19%)



Cyan (44%)

Magenta (19%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5190, -54.4859, -24.1342 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 170.5190, -54.4859, -24.1342 by changing the saturation by 10% instead.

■ 170.5190,
-54.4859, -24.1342

■ 170.5190,
-54.4859, -24.1342

255.0000, 0.0000,
0.0000

■ 142.0630,
-56.2331, -23.7343

■ 223.0080,
-52.7549, -19.3010

■ 114.6500,
-56.5224, -24.2491

■ 234.7570,
-45.2362, -4.1719

■ 90.7170, -44.7235,
-28.6928

■ 245.5380,
-36.2542, 8.2982

■ 66.7730, -32.9191,
-34.8809

■ 248.7300,
-24.0239, 5.4988

■ 44.0250, -21.7043,
-38.6099

■ 252.0360,
-11.3567, 2.5994

■ 29.9370, -14.7589,
-26.2547

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 170.5190,
-54.4859, -24.1342

■ 170.5190,
-54.4859, -24.1342

■ 165.4340,
-62.3320, -27.5676

■ 175.6040,
-46.6398, -20.7007

■ 160.4630,
-69.7413, -31.1011

■ 180.5750,
-39.2305, -17.1673

■ 155.9050,
-76.8612, -34.1197

■ 185.6600,
-31.3844, -13.7338

■ 190.6310,
-23.9751, -10.2004

■ 195.4170,
-15.9816, -7.3817

■ 200.5020, -8.1355,
-3.9483

■ 205.4730, -0.7262,
-0.4148

■ 210.5580, 7.1199,
3.0186

■ 215.5290, 14.5292,
6.5521

Harmonies

Analogous

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



177.0350, -76.9253, 33.2953



170.5190, -54.4859, -24.1342



140.8140, -8.7823, -123.4939

Triad

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



170.5190, -54.4859, -24.1342



152.9270, 50.3220, -134.1170



166.8460, 7.4709, 77.3111

Complementary

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



170.5190, -54.4859, -24.1342



95.4810, 54.4859, 24.1342

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.



184.1040, 32.9797, 62.1758



170.5190, -54.4859, -24.1342



142.3610, 55.5310, -124.8506

Square

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



170.5190, -54.4859, -24.1342



158.2100, 47.7175, -138.7502



186.3120, 33.8632, 12.0044



167.3120, -26.2828, 76.9024

Rectangle

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



170.5190, -54.4859, -24.1342



148.6340, 11.0264, -130.3520



186.3120, 33.8632, 12.0044



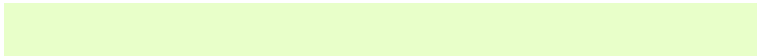
170.7560, 17.3753, 73.8820

Sweetspot

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



170.5190, -54.4859, -24.1342



241.9670, -20.1967, -8.7411



139.4610, -39.1743, 58.3547



120.1660, -11.9138, -5.4076



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



170.5190, -54.4859, -24.1342



202.1560, -80.9289, -36.0938



149.2900, -44.0200, -67.7833



99.6640, -3.7784, -1.4593



125.5480, -61.8952, -27.6676



28.8840, -14.2398, -6.0373

Inverse Universe

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



95.4810, 54.4859, 24.1342



90.8440, 80.9289, 36.0938



116.7100, 44.0200, 67.7833



94.3360, 3.7784, 1.4593



40.4520, 61.8952, 27.6676



9.4150, 14.0924, 6.6520

Previews

White Background



This preview shows how the YUV color 170.5190, -54.4859, -24.1342 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 170.5190, -54.4859, -24.1342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

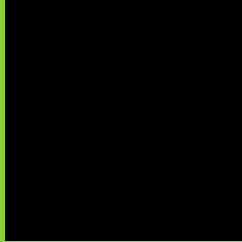
Any Text WCAG AA ✓ Pass

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 170.5190, -54.4859, -24.1342 Background



This preview shows how black text looks on a background with the YUV color 170.5190, -54.4859, -24.1342.



This preview shows how white text looks on a background with the YUV color 170.5190, -54.4859, -24.1342.

-24.1342.

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

170.5190, -54.4859, -24.1342

Protanopia

179.4160, -61.3371, 26.8222

Deuteranopia

182.1330, -55.2816, 44.6104



Tritanopia

184.8540, 11.4110, -20.0430

Trichromacy



Original Color

170.5190, -54.4859, -24.1342

Protanomaly

176.5770, -58.9515, 8.2640

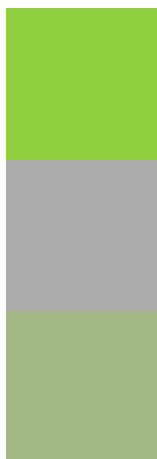
Deuteranomaly

177.6800, -55.0582, 19.5746

Tritanomaly

179.5400, -12.5912, -21.5216

Monochromacy



Original Color

170.5190, -54.4859, -24.1342

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0810, -19.7599, -8.8410

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5190, -54.4859, -24.1342 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(143, 206, 60)` looks like.

```
.text, #text, p{  
    color:rgb(143, 206, 60)  
}
```

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(143, 206, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 206, 60) }
```

Border

The CSS property to change the border of an element to YUV 170.5190, -54.4859, -24.1342 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(143, 206, 60) }
```


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

```
.border{ border-color:rgb(143, 206, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 206, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 206, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 206, 60);  
box-shadow:4px 4px 4px 4px rgb(143, 206,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 170.5190, -54.4859, -24.1342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 206, 60) }
```

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

```
.background{ background-color: rgb(143,  
206, 60) }
```

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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