

Converting Colors

YUV(170.0110, -24.1624,
-90.3406)

Have a look what the booklet for
YUV(170.0110, -24.1624, -90.3406)
contains.

YUV(170.0110, -24.1624, -90.3406)	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(170.0110, -24.1624,
-90.3406)**

Conversions

Conversions Part 1

Format	Color
Hex	43E879
RGB	67, 232, 121
RGB Percent	26%, 91%, 47%
CMY	0.7373, 0.0902, 0.5255
CMYK	0.71, 0.00, 0.48, 0.09
HSL	140°, 78%, 59%
HSV	140°, 71%, 91%
XYZ	34.6225, 60.2870, 27.9009
YIQ	170.0110, -62.7090, -69.5010

Conversions

Conversions Part 2

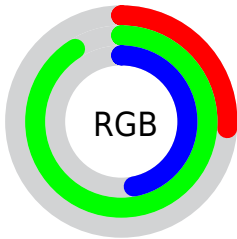
Format	Color
RYB	67, 191, 232
Decimal	4450425
CIELab	81.99, -65.30, 41.92
CIELCh	82, 77.597, 147.299
Yxy	60.2870, 0.2819, 0.4909
Android (android.graphics.Color)	4282640505 (0xFF43E879)
YUV	170.0110, -24.1624, -90.3406
Hunter-Lab	77.6447, -56.2833, 33.0460

Details

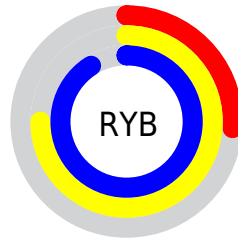
The YUV color **170.0110, -24.1624, -90.3406** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **128.9890, 24.1624, 90.3406**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.0000, -17.2550, -65.7750**, and **110.7050, -20.0676, -97.0883** is the 20% darker color. If you saturate the color by 10%, you get **161.3100, -27.7608, -102.8809**, and if you desaturate by 10%, it is **178.7120, -20.5640, -77.8004**.

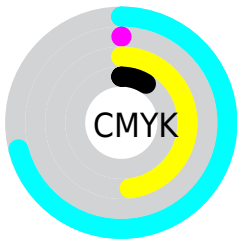
Distribution



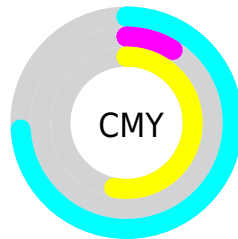
- Red (26%)
- Green (91%)
- Blue (47%)



- Red (26%)
- Yellow (75%)
- Blue (91%)



- Cyan (71%)
- Magenta (0%)
- Yellow (48%)
- Black (9%)



- Cyan (74%)
- Magenta (9%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0110, -24.1624, -90.3406 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 170.0110, -24.1624, -90.3406 by changing the saturation by 10% instead.

170.0110,
-24.1624, -90.3406

170.0110,
-24.1624, -90.3406

255.0000, 0.0000,
0.0000

131.7850,
-18.1350, -110.3134

210.0000,
-17.2550, -65.7750

110.7050,
-20.0676, -97.0883

222.4610, -9.5943,
-49.5163

91.3050, -23.3214,
-80.0745

234.9220, -1.9335,
-33.2576

72.2640, -27.7382,
-63.3755

246.9270, 3.9800,
-16.5990

55.1780, -27.2028,
-48.3911

40.5030, -19.9680,
-35.5211

26.4150, -13.0226,

-23.1660

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 170.0110,
-24.1624, -90.3406

■ 170.0110,
-24.1624, -90.3406

■ 161.3100,
-27.7608, -102.8809

■ 178.7120,
-20.5640, -77.8004

■ 152.7230,
-30.9224, -115.5211

■ 187.2990,
-17.4024, -65.1602

■ 144.8480,
-33.9421, -127.0317

■ 196.2990,
-13.9514, -52.0052

■ 204.8860,
-10.7898, -39.3650

 213.5870, -7.1914,
-26.8248

 222.2880, -3.5930,
-14.2846

 230.8750, -0.4314,
-1.6444

 239.8750, 3.0196,
11.5106

 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



187.7180, -62.9650, -11.1537



170.0110, -24.1624, -90.3406



161.9360, 16.3006, -142.0179

Triad

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



170.0110, -24.1624, -90.3406



154.6880, 49.4538, -135.6614



175.7870, -16.6570, 69.4698

Complementary

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



170.0110, -24.1624, -90.3406



128.9890, 24.1624, 90.3406

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.



179.2990, 17.1076, 66.3898



170.0110, -24.1624, -90.3406



196.2470, 28.9652, -3.7246

Square

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



170.0110, -24.1624, -90.3406



164.6670, 44.5342, -144.4130



196.3000, 28.9391, 51.4799



185.1550, -51.8414, 61.2541

Rectangle

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



170.0110, -24.1624, -90.3406



168.2230, 37.8511, -147.5316



196.3000, 28.9391, 51.4799



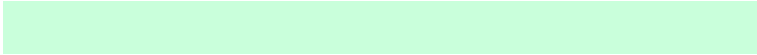
174.8870, -4.8743, 70.2591

Sweetspot

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



170.0110, -24.1624, -90.3406



234.7500, -7.7648, -29.5987



197.6420, -64.4065, -15.4720



115.9240, -4.8925, -17.4733



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.



170.0110, -24.1624, -90.3406



173.4730, -31.7852, -118.8098



179.2450, 11.2182, -98.4389



110.5000, -1.7255, -6.5775



111.6850, -26.4667, -97.9477



31.8750, -7.3334, -27.9544

Inverse Universe

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



128.9890, 24.1624, 90.3406



119.5270, 31.7852, 118.8098



119.7550, -11.2182, 98.4389



107.5000, 1.7255, 6.5775



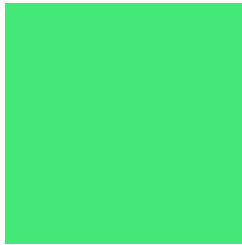
67.2010, 26.0299, 98.0477



19.1250, 7.3334, 27.9544

Previews

White Background



This preview shows how the YUV color 170.0110, -24.1624, -90.3406 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 170.0110, -24.1624, -90.3406 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

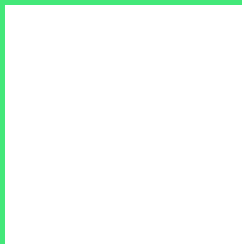
Any Text WCAG AAA ✓ Pass

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

YUV 170.0110, -24.1624, -90.3406 Background



This preview shows how black text looks on a background with the YUV color 170.0110, -24.1624, -90.3406.



This preview shows how white text looks on a background with the YUV color 170.0110, -24.1624, -90.3406.

-90.3406.

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

170.0110, -24.1624, -90.3406

Protanopia

197.4920, -43.1336, 21.4935

Deuteranopia

200.8820, -34.4518, 36.9375



Tritanopia

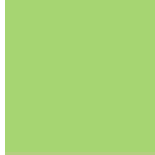
187.5640, 24.3719, -70.6546

Trichromacy



Original Color

170.0110, -24.1624, -90.3406



Protanomaly

187.6610, -36.3149, -18.9967



Deuteranomaly

189.5080, -30.8164, -9.2155



Tritanomaly

181.2260, 6.7906, -78.2512

Monochromacy



Original Color

170.0110, -24.1624, -90.3406



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.3860, -9.0643, -32.7875

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0110, -24.1624, -90.3406 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(67, 232, 121)` looks like.

```
.text, #text, p{  
    color:rgb(67, 232, 121)  
}
```

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(67, 232, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 232, 121) }
```

Border

The CSS property to change the border of an element to YUV 170.0110, -24.1624, -90.3406 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(67, 232, 121) }
```


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

```
.border{ border-color:rgb(67, 232, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 232, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 232, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 232, 121);  
box-shadow:4px 4px 4px 4px rgb(67, 232,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 170.0110, -24.1624, -90.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 232, 121) }
```

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

```
.background{ background-color: rgb(67, 232,  
121) }
```

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