

Converting Colors

YUV(170.8680, -20.1479,
-24.4402)

Have a look what the booklet for
YUV(170.8680, -20.1479, -24.4402)
contains.

YUV(170.8680, -20.1479, -24.4402)	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(170.8680, -20.1479,
-24.4402)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC182
RGB	143, 193, 130
RGB Percent	56%, 76%, 51%
CMY	0.4392, 0.2431, 0.4902
CMYK	0.26, 0.00, 0.33, 0.24
HSL	108°, 34%, 63%
HSV	108°, 33%, 76%
XYZ	34.4269, 45.5913, 28.1046
YIQ	170.8680, -9.5770, -30.1930

Conversions

Conversions Part 2

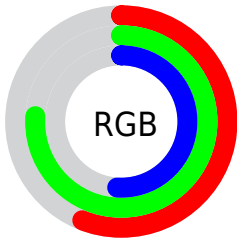
Format	Color
RYB	130, 193, 180
Decimal	9421186
CIELab	73.28, -28.41, 26.59
CIELCh	73, 38.911, 136.896
Yxy	45.5913, 0.3184, 0.4217
Android (android.graphics.Color)	4287611266 (0xFF8FC182)
YUV	170.8680, -20.1479, -24.4402
Hunter-Lab	67.5213, -27.1509, 22.5865

Details

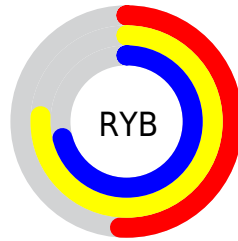
The YUV color **170.8680, -20.1479, -24.4402** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **152.1320, 20.1479, 24.4402**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8140, -21.6003, -25.2699**, and **117.9220, -18.6955, -23.6106** is the 20% darker color. If you saturate the color by 10%, you get **164.2170, -26.2360, -31.7623**, and if you desaturate by 10%, it is **177.5190, -14.0599, -17.1182**.

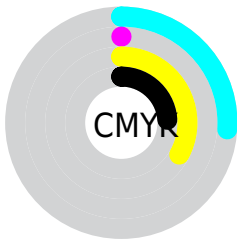
Distribution



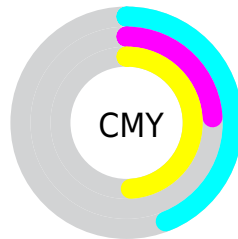
- Red (56%)
- Green (76%)
- Blue (51%)



- Red (51%)
- Yellow (76%)
- Blue (71%)



- Cyan (26%)
- Magenta (0%)
- Yellow (33%)
- Black (24%)



- Cyan (44%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8680, -20.1479, -24.4402 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 170.8680, -20.1479, -24.4402 by changing the saturation by 10% instead.

■ 170.8680,
-20.1479, -24.4402

■ 170.8680,
-20.1479, -24.4402

255.0000, 0.0000,
0.0000

■ 144.3950,
-19.4217, -24.0254

■ 226.8140,
-21.6003, -25.2699

■ 117.9220,
-18.6955, -23.6106

■ 241.3130,
-14.9443, -13.4295

■ 92.4490, -17.9694,
-23.1958

■ 253.2900, -6.5520,
1.4997

■ 68.3780, -16.9484,
-24.0105

■ 43.5950, -16.0693,
-25.9548

■ 24.6540, -12.1544,
-21.6216

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 170.8680,
-20.1479, -24.4402

■ 170.8680,
-20.1479, -24.4402

■ 164.2170,
-26.2360, -31.7623

■ 177.5190,
-14.0599, -17.1182

■ 157.1530,
-32.6134, -39.5992

■ 184.5830, -7.6824,
-9.2813

■ 150.5020,
-38.7015, -46.9213

■ 191.2340, -1.5944,
-1.9592

■ 143.8510,
-44.7895, -54.2433

■ 197.8850, 4.4937,
5.3629

■ 136.7870,
-51.1670, -62.0802

■ 204.9490, 10.8711,
13.1997

■ 130.1360,
-57.2550, -69.4023

■ 211.6000, 16.9592,
20.5218

■ 125.2510,
-61.7487, -74.7651

■ 217.1110, 18.6793,
28.8437

■ 218.6060, 17.9422,
31.9175

Harmonies

Analogous

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



175.3790, -31.7388, 6.6836



170.8680, -20.1479, -24.4402



163.8110, -0.3998, -58.5932

Triad

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



170.8680, -20.1479, -24.4402



168.9410, 39.4691, -59.5843



182.9150, -10.8041, 58.8335

Complementary

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



170.8680, -20.1479, -24.4402



152.1320, 20.1479, 24.4402

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.



184.6160, 6.1053, 48.5718



170.8680, -20.1479, -24.4402



179.7230, 33.6606, -16.4201

Square

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



170.8680, -20.1479, -24.4402



153.0470, 38.4308, -100.0192



184.2780, 22.0479, 21.6812



180.6850, -25.4807, 52.8963

Rectangle

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



170.8680, -20.1479, -24.4402



157.2670, 14.6584, -81.7952



184.2780, 22.0479, 21.6812



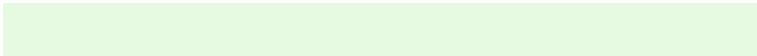
183.3970, -5.1257, 57.5338

Sweetspot

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



170.8680, -20.1479, -24.4402



241.1700, -7.9718, -9.7961



177.6000, -23.4668, 13.5058



119.7020, -4.7831, -5.8777



252.0000, 0.0000, 0.0000



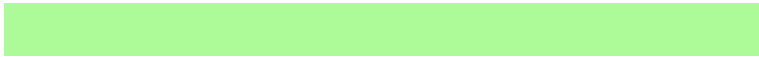
125.0000, 0.0000, 0.0000

Same Dimension

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



170.8680, -20.1479, -24.4402



215.8050, -31.4559, -37.5400



169.0330, -10.3693, -34.2319



93.4680, -3.1887, -3.9184



104.3740, -51.4564, -62.5950



21.4640, -10.5818, -12.6849

Inverse Universe

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



152.1320, 20.1479, 24.4402



186.4940, 31.3085, 38.1548



153.9670, 10.3693, 34.2319



90.5320, 3.1887, 3.9184



56.3270, 51.6038, 61.9802



11.5360, 10.5818, 12.6849

Previews

White Background



This preview shows how the YUV color 170.8680, -20.1479, -24.4402 looks on a white background.

Color Contrast Check

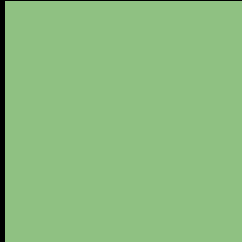
Large Text (above 18pt) WCAG AA × Fail

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 170.8680, -20.1479, -24.4402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

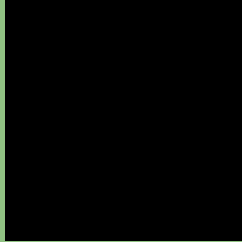
Any Text WCAG AA ✓ Pass

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 170.8680, -20.1479, -24.4402 Background



This preview shows how black text looks on a background with the YUV color 170.8680, -20.1479, -24.4402.



This preview shows how white text looks on a background with the YUV color 170.8680, -20.1479, -24.4402.

-24.4402.

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

170.8680, -20.1479, -24.4402

Protanopia

177.2150, -26.2350, 14.7204

Deuteranopia

179.4430, -21.9104, 27.6755



Tritanopia

177.0390, 10.8268, -19.3282

Trichromacy



Original Color

170.8680, -20.1479, -24.4402

Protanomaly

174.6970, -24.0076, 0.2657

Deuteranomaly

176.4360, -21.4139, 8.3876

Tritanomaly

174.7540, -0.3717, -20.8323

Monochromacy



Original Color

170.8680, -20.1479, -24.4402

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.9960, -7.3930, -8.7665

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8680, -20.1479, -24.4402 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, 193, 130)` looks like.

```
.text, #text, p{  
    color:rgb(143, 193, 130)  
}
```

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, 193, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 193, 130) }
```

Border

The CSS property to change the border of an element to YUV 170.8680, -20.1479, -24.4402 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, 193, 130) }
```


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

```
.border{ border-color:rgb(143, 193, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 193, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 193, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 193, 130);  
box-shadow:4px 4px 4px 4px rgb(143, 193,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 170.8680, -20.1479, -24.4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 193, 130) }
```

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

```
.background{ background-color: rgb(143,  
193, 130) }
```

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