

Converting Colors

YUV(171.2170, -22.7850,
-18.6073)

Have a look what the booklet for
YUV(171.2170, -22.7850, -18.6073)
contains.

YUV(171.2170, -22.7850, -18.6073)	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(171.2170, -22.7850,
-18.6073)**

Conversions

Conversions Part 1

Format	Color
Hex	96BF7D
RGB	150, 191, 125
RGB Percent	59%, 75%, 49%
CMY	0.4118, 0.2510, 0.5098
CMYK	0.21, 0.00, 0.35, 0.25
HSL	97°, 34%, 62%
HSV	97°, 35%, 75%
XYZ	34.9101, 45.2263, 26.2916
YIQ	171.2170, -3.2500, -29.2180

Conversions

Conversions Part 2

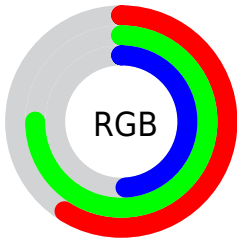
Format	Color
RYB	125, 191, 166
Decimal	9879421
CIELab	73.04, -25.72, 28.98
CIELCh	73, 38.745, 131.594
Yxy	45.2263, 0.3280, 0.4249
Android (android.graphics.Color)	4288069501 (0xFF96BF7D)
YUV	171.2170, -22.7850, -18.6073
Hunter-Lab	67.2505, -25.0279, 23.8959

Details

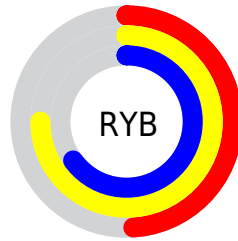
The YUV color $171.2170, -22.7850, -18.6073$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $144.7830, 22.7850, 18.6073$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.1630, -24.2374, -19.4370$, and $118.2710, -21.3326, -17.7777$ is the 20% darker color. If you saturate the color by 10%, you get $165.4630, -29.3153, -24.0851$, and if you desaturate by 10%, it is $176.9710, -16.2547, -13.1296$.

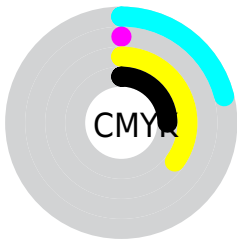
Distribution



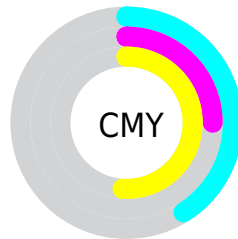
- Red (59%)
- Green (75%)
- Blue (49%)



- Red (49%)
- Yellow (75%)
- Blue (65%)



- Cyan (21%)
- Magenta (0%)
- Yellow (35%)
- Black (25%)



- Cyan (41%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.2170, -22.7850, -18.6073 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 171.2170, -22.7850, -18.6073 by changing the saturation by 10% instead.

■ 171.2170,
-22.7850, -18.6073

■ 171.2170,
-22.7850, -18.6073

255.0000, 0.0000,
0.0000

■ 144.7440,
-22.0588, -18.1925

■ 227.1630,
-24.2374, -19.4370

■ 118.2710,
-21.3326, -17.7777

■ 243.1350,
-18.3076, -8.0114

■ 93.4990, -20.4590,
-17.9776

■ 252.6060, -9.1728,
2.0995

■ 68.7270, -19.5854,
-18.1776

■ 44.7270, -19.5854,
-18.1776

■ 24.0670, -11.8650,
-21.1068

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 171.2170,
-22.7850, -18.6073

■ 171.2170,
-22.7850, -18.6073

■ 165.4630,
-29.3153, -24.0851

■ 176.9710,
-16.2547, -13.1296

■ 159.7090,
-35.8455, -29.5628

■ 182.7250, -9.7244,
-7.6518

■ 153.9550,
-42.3758, -35.0405

■ 188.4790, -3.1941,
-2.1741

■ 148.5000,
-49.0535, -39.9035

■ 193.9340, 3.4835,
2.6889

■ 142.6320,
-56.0206, -45.2813

■ 199.6880, 10.0138,
8.1666

■ 136.8780,
-62.5509, -50.7590

■ 205.5560, 16.9809,
13.5444

■ 133.6450,
-65.8870, -54.0627

■ 210.8540, 21.7640,
19.4220

■ 214.4420, 19.9951,
26.7994

■ 217.4320, 18.5210,
32.9471

Harmonies

Analogous

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



175.7710, -32.9181, 11.6018



171.2170, -22.7850, -18.6073



165.1170, -4.4947, -51.8456

Triad

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



171.2170, -22.7850, -18.6073



165.8970, 39.4908, -66.5617



182.7130, -7.7465, 58.1337

Complementary

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



171.2170, -22.7850, -18.6073



144.7830, 22.7850, 18.6073

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.



184.3920, 9.1737, 44.3832



171.2170, -22.7850, -18.6073



178.0210, 34.9926, -23.6974

Square

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



171.2170, -22.7850, -18.6073



150.2700, 36.8419, -103.7228



183.5160, 24.3956, 15.3335



180.6790, -23.0127, 54.6555

Rectangle

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



171.2170, -22.7850, -18.6073



158.5730, 10.5635, -75.0475



183.5160, 24.3956, 15.3335



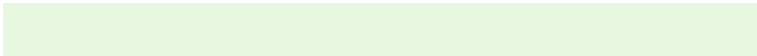
183.1840, -2.0627, 55.0896

Sweetspot

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



171.2170, -22.7850, -18.6073



239.7790, -8.2720, -6.8222



168.8010, -21.5939, 19.4685



120.5990, -5.2253, -4.0333



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.



171.2170, -22.7850, -18.6073



216.6490, -34.8300, -28.6332



164.6540, -15.6054, -34.7766



91.1800, -3.0467, -2.7889



110.6860, -54.5682, -44.4516



21.7850, -10.7400, -8.5814

Inverse Universe

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



144.7830, 22.7850, 18.6073



176.3510, 34.8300, 28.6332



151.3460, 15.6054, 34.7766



87.8200, 3.0467, 2.7889



47.3140, 54.5682, 44.4516



9.2150, 10.7400, 8.5814

Previews

White Background



This preview shows how the YUV color 171.2170, -22.7850, -18.6073 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 171.2170, -22.7850, -18.6073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

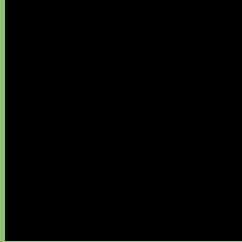
Any Text WCAG AA ✓ Pass

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 171.2170, -22.7850, -18.6073 Background



This preview shows how black text looks on a background with the YUV color 171.2170, -22.7850, -18.6073.



This preview shows how white text looks on a background with the YUV color 171.2170, -22.7850, -18.6073.

-18.6073.

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

171.2170, -22.7850, -18.6073

Protanopia

176.7590, -27.9822, 15.1204

Deuteranopia

178.4710, -24.3892, 29.4049



Tritanopia

177.4310, 9.6475, -14.4100

Trichromacy



Original Color

171.2170, -22.7850, -18.6073

Protanomaly

174.5510, -25.9076, 3.0248

Deuteranomaly

175.5890, -23.4614, 11.7614

Tritanomaly

175.0320, -1.9878, -15.8141

Monochromacy



Original Color

171.2170, -22.7850, -18.6073

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.7790, -8.2720, -6.8222

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2170, -22.7850, -18.6073 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(150, 191, 125)` looks like.

```
.text, #text, p{  
    color:rgb(150, 191, 125)  
}
```

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(150, 191, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 191, 125) }
```

Border

The CSS property to change the border of an element to YUV 171.2170, -22.7850, -18.6073 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(150, 191, 125) }
```


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

```
.border{ border-color:rgb(150, 191, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 191, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 191, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 191, 125);  
box-shadow:4px 4px 4px 4px rgb(150, 191,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 171.2170, -22.7850, -18.6073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 191, 125) }
```

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

```
.background{ background-color: rgb(150,  
191, 125) }
```

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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