

Converting Colors

YUV(170.3540, -20.3875,
5.8285)

Have a look what the booklet for
YUV(170.3540, -20.3875, 5.8285)
contains.

YUV(170.3540, -20.3875, 5.8285)	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(170.3540, -20.3875,
5.8285)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AF81
RGB	177, 175, 129
RGB Percent	69%, 69%, 51%
CMY	0.3059, 0.3137, 0.4941
CMYK	0.00, 0.01, 0.27, 0.31
HSL	58°, 24%, 60%
HSV	58°, 27%, 69%
XYZ	37.4239, 41.5920, 26.8245
YIQ	170.3540, 15.9580, -13.8820

Conversions

Conversions Part 2

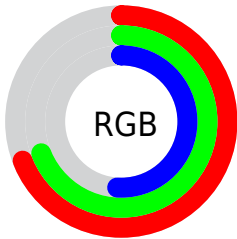
Format	Color
RYB	131, 177, 129
Decimal	11644801
CIELab	70.59, -6.76, 23.91
CIELCh	71, 24.849, 105.776
Yxy	41.5920, 0.3536, 0.3930
Android (android.graphics.Color)	4289834881 (0xFFB1AF81)
YUV	170.3540, -20.3875, 5.8285
Hunter-Lab	64.4919, -9.2794, 20.4835

Details

The YUV color **170.3540, -20.3875, 5.8285** is a light color, and the websafe version is hex **999966**. A complement of this color would be **135.6460, 20.3875, -5.8285**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.4250, -21.4085, 6.6433**, and **118.2830, -19.3665, 5.0138** is the 20% darker color. If you saturate the color by 10%, you get **167.7150, -27.9605, 8.1429**, and if you desaturate by 10%, it is **172.9930, -12.8145, 3.5141**.

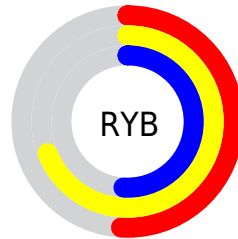
Distribution



Red (69%)

Green (69%)

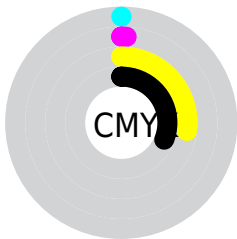
Blue (51%)



Red (51%)

Yellow (69%)

Blue (51%)

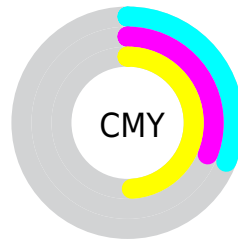


Cyan (0%)

Magenta (1%)

Yellow (27%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.3540, -20.3875, 5.8285 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 170.3540, -20.3875, 5.8285 by changing the saturation by 10% instead.

■ 170.3540,
-20.3875, 5.8285

■ 170.3540,
-20.3875, 5.8285

255.0000, 0.0000,
0.0000

■ 143.5820,
-19.5139, 5.6286

■ 225.4250,
-21.4085, 6.6433

■ 118.2830,
-19.3665, 5.0138

■ 249.8700,
-19.6559, 4.4990

■ 93.2120, -18.3455,
4.1991

■ 253.0620, -7.4256,
1.6996

■ 69.4400, -17.4719,
3.9991

■ 46.8420, -17.1771,
2.7696

■ 26.8680, -13.2459,
1.8698

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 170.3540,
-20.3875, 5.8285

■ 170.3540,
-20.3875, 5.8285

■ 167.7150,
-27.9605, 8.1429

■ 172.9930,
-12.8145, 3.5141

■ 165.7770,
-35.3861, 9.8426

■ 174.9310, -5.3890,
1.8145

■ 163.1380,
-42.9590, 12.1570

■ 177.5700, 2.1840,
-0.4999

■ 160.4990,
-50.5320, 14.4714

■ 180.2090, 9.7570,
-2.8143

■ 157.9740,
-57.6682, 16.6858

■ 182.8480, 17.3299,
-5.1287

■ 155.9220,
-65.5305, 18.4854

■ 184.7860, 24.7555,
-6.8283

■ 153.2830,
-73.1035, 20.7998

■ 187.4250, 32.3285,
-9.1427

■ 152.7130,
-75.2875, 21.2997

■ 188.2400, 32.9127,
-9.8575

■ 188.8270, 32.6233,
-10.3723

Harmonies

Analogous

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



172.8230, -21.6047, 22.9572



170.3540, -20.3875, 5.8285



167.4700, -13.0497, -14.4442

Triad

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



170.3540, -20.3875, 5.8285



163.5670, 19.9335, -46.9783



176.2240, 3.8336, 30.4986

Complementary

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



170.3540, -20.3875, 5.8285



135.6460, 20.3875, -5.8285

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.



176.0460, 13.7813, 13.1147



170.3540, -20.3875, 5.8285



168.2790, 23.5265, -32.6937

Square

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



170.3540, -20.3875, 5.8285



162.1620, 10.7661, -46.6231



173.4390, 20.9826, -10.0320



175.9940, -7.3920, 37.7163

Rectangle

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



170.3540, -20.3875, 5.8285



165.5160, -6.1704, -27.6395



173.4390, 20.9826, -10.0320



176.8150, 7.4862, 25.5952

Sweetspot

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



170.3540, -20.3875, 5.8285



227.2470, -8.0098, 2.4144



143.5800, -6.2019, 29.3093



113.0450, -4.9522, 1.7145



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



170.3540, -20.3875, 5.8285



218.9880, -32.0391, 9.6575



164.9500, -17.7233, -8.7261



87.9740, -3.9312, 0.8998



132.0360, -65.0937, 18.3854



21.8620, -10.7780, 3.6290

Inverse Universe

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



135.6460, 20.3875, -5.8285



164.4250, 32.3285, -9.1427



141.0500, 17.7233, 8.7261



81.6130, 3.6418, -1.4146



20.9640, 65.0937, -18.3854



3.5510, 11.0674, -3.1142

Previews

White Background



This preview shows how the YUV color 170.3540, -20.3875, 5.8285 looks on a white background.

Color Contrast Check

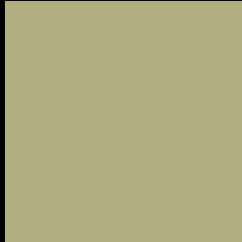
Large Text (above 18pt) WCAG AA × Fail

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 170.3540, -20.3875, 5.8285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

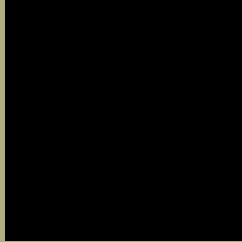
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

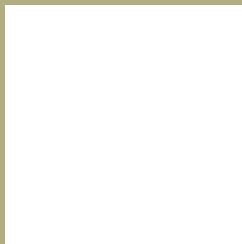
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 170.3540, -20.3875, 5.8285

Background



This preview shows how black text looks on a background with the YUV color 170.3540, -20.3875, 5.8285.



This preview shows how white text looks on a background with the YUV color 170.3540, -20.3875, 5.8285.

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

170.3540, -20.3875, 5.8285

Protanopia

170.8710, -21.1354, 12.3911

Deuteranopia

173.0730, -20.7420, 26.2460



Tritanopia

174.2660, 3.3199, 8.5367

Trichromacy



Original Color

170.3540, -20.3875, 5.8285

Protanomaly

170.5610, -20.9826, 10.0320

Deuteranomaly

172.0290, -20.7203, 19.2686

Tritanomaly

172.9640, -5.4053, 7.0476

Monochromacy



Original Color

170.3540, -20.3875, 5.8285

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.3610, -7.5730, 2.3144

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.3540, -20.3875, 5.8285 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(177, 175, 129)` looks like.

```
.text, #text, p{  
    color:rgb(177, 175, 129)  
}
```

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(177, 175, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 175, 129) }
```

Border

The CSS property to change the border of an element to YUV 170.3540, -20.3875, 5.8285 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(177, 175, 129) }
```


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

```
.border{ border-color:rgb(177, 175, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 175, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 175, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 175, 129);  
box-shadow:4px 4px 4px 4px rgb(177, 175,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 170.3540, -20.3875, 5.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 175, 129) }
```

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

```
.background{ background-color: rgb(177,  
175, 129) }
```

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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