

Converting Colors

YUV(170.6420, -23.9805,
-8.4560)

Have a look what the booklet for
YUV(170.6420, -23.9805, -8.4560)
contains.

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Color

**YUV(170.6420, -23.9805,
-8.4560)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B97A
RGB	161, 185, 122
RGB Percent	63%, 73%, 48%
CMY	0.3686, 0.2745, 0.5216
CMYK	0.13, 0.00, 0.34, 0.27
HSL	83°, 31%, 60%
HSV	83°, 34%, 73%
XYZ	35.5598, 43.6801, 24.9693
YIQ	170.6420, 5.9190, -24.6810

Conversions

Conversions Part 2

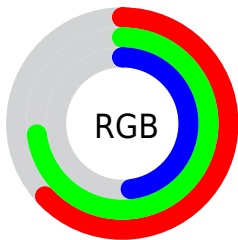
Format	Color
RYB	122, 185, 146
Decimal	10598778
CIELab	72.01, -19.09, 29.33
CIELCh	72, 34.995, 123.057
Yxy	43.6801, 0.3412, 0.4192
Android (android.graphics.Color)	4288788858 (0xFFA1B97A)
YUV	170.6420, -23.9805, -8.4560
Hunter-Lab	66.0909, -19.6185, 23.8638

Details

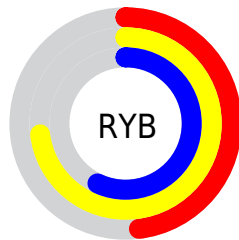
The YUV color **170.6420, -23.9805, -8.4560** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **136.3580, 23.9805, 8.4560**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0010, -25.1435, -8.7709**, and **117.9840, -22.6701, -8.7560** is the 20% darker color. If you saturate the color by 10%, you get **166.4970, -30.8110, -10.9599**, and if you desaturate by 10%, it is **174.9010, -16.7132, -6.0522**.

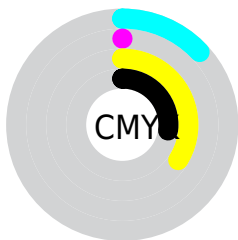
Distribution



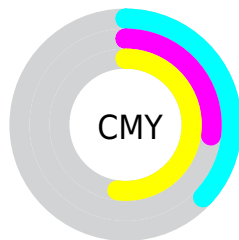
- Red (63%)
- Green (73%)
- Blue (48%)



- Red (48%)
- Yellow (73%)
- Blue (57%)



- Cyan (13%)
- Magenta (0%)
- Yellow (34%)
- Black (27%)



- Cyan (37%)
- Magenta (27%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.6420, -23.9805, -8.4560 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 170.6420, -23.9805, -8.4560 by changing the saturation by 10% instead.

■ 170.6420,
-23.9805, -8.4560

■ 170.6420,
-23.9805, -8.4560

255.0000, 0.0000,
0.0000

■ 143.8700,
-23.1069, -8.6560

■ 226.0010,
-25.1435, -8.7709

■ 117.9840,
-22.6701, -8.7560

■ 246.0820,
-21.2394, -0.9489

■ 93.2120, -21.7965,
-8.9559

■ 252.2640,
-10.4832, 2.3995

■ 68.7390, -21.0703,
-8.5411

■ 45.6250, -21.5071,
-8.4411

■ 25.9050, -12.7712,
-10.4407

■ 7.6310, -3.7621,

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 170.6420,
-23.9805, -8.4560

■ 170.6420,
-23.9805, -8.4560

■ 166.4970,
-30.8110, -10.9599

■ 174.9010,
-16.7132, -6.0522

■ 162.2380,
-38.0783, -13.3637

■ 179.0460, -9.8827,
-3.5483

■ 158.0930,
-44.9088, -15.8676

■ 183.3050, -2.6154,
-1.1445

■ 153.8340,
-52.1762, -18.2714

■ 187.4500, 4.2152,
1.3594

■ 149.6890,
-59.0067, -20.7753

■ 191.5950, 11.0457,
3.8632

■ 145.4300,
-66.2740, -23.1791

■ 195.8540, 18.3130,
6.2670

■ 142.9800,
-70.4891, -24.5385

■ 200.1130, 25.5803,
8.6709

■ 202.5480, 25.8588,
12.6744

■ 204.6410, 24.8270,
16.9778

Harmonies

Analogous

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



174.3850, -30.7558, 18.0794



170.6420, -23.9805, -8.4560



165.6520, -9.1954, -37.4058

Triad

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



170.6420, -23.9805, -8.4560



163.2300, 34.3966, -65.9767



180.2220, -3.0674, 50.6713

Complementary

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



170.6420, -23.9805, -8.4560



136.3580, 23.9805, 8.4560

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.



181.4230, 12.1165, 33.8320



170.6420, -23.9805, -8.4560



173.1080, 32.9778, -30.7897

Square

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



170.6420, -23.9805, -8.4560



155.4700, 26.8833, -82.8502



179.5640, 24.8649, 4.7674



178.4490, -17.4764, 52.2262

Rectangle

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



170.6420, -23.9805, -8.4560



161.4460, 3.2311, -56.5191



179.5640, 24.8649, 4.7674



180.8670, 2.0376, 46.5976

Sweetspot

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



170.6420, -23.9805, -8.4560



234.5730, -9.1565, -3.1335



154.3380, -15.9426, 26.8906



116.4960, -5.6675, -2.1890



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



170.6420, -23.9805, -8.4560



217.3520, -37.6415, -13.4637



161.3730, -19.4109, -27.5141



89.7780, -3.3416, -1.5593



120.2760, -59.2961, -21.2901



21.5190, -10.6089, -3.9632

Inverse Universe

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



136.3580, 23.9805, 8.4560



163.6480, 37.6415, 13.4637



145.6270, 19.4109, 27.5141



84.9230, 3.4890, 0.9445



35.4250, 59.4435, 20.6753



6.4810, 10.6089, 3.9632

Previews

White Background



This preview shows how the YUV color 170.6420, -23.9805, -8.4560 looks on a white background.

Color Contrast Check

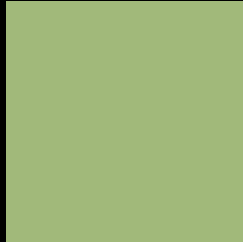
Large Text (above 18pt) WCAG AA × Fail

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 170.6420, -23.9805, -8.4560 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 170.6420, -23.9805, -8.4560

Background



This preview shows how black text looks on a background with the YUV color 170.6420, -23.9805, -8.4560.



This preview shows how white text looks on a background with the YUV color 170.6420, -23.9805, -8.4560.

-8.4560.

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

170.6420, -23.9805, -8.4560

Protanopia

173.8730, -27.5454, 15.0204

Deuteranopia

176.0580, -24.6786, 28.8901



Tritanopia

176.1010, 6.8522, -4.4736

Trichromacy



Original Color

170.6420, -23.9805, -8.4560

Protanomaly

172.4590, -26.3553, 6.6135

Deuteranomaly

174.3830, -24.3458, 15.4501

Tritanomaly

173.8160, -4.3463, -5.9776

Monochromacy



Original Color

170.6420, -23.9805, -8.4560

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.6870, -8.7197, -3.2335

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.6420, -23.9805, -8.4560 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(161, 185, 122)` looks like.

```
.text, #text, p{  
    color:rgb(161, 185, 122)  
}
```

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(161, 185, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 185, 122) }
```

Border

The CSS property to change the border of an element to YUV 170.6420, -23.9805, -8.4560 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(161, 185, 122) }
```


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

```
.border{ border-color:rgb(161, 185, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 185, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 185, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 185, 122);  
box-shadow:4px 4px 4px 4px rgb(161, 185,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 170.6420, -23.9805, -8.4560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 185, 122) }
```

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

```
.background{ background-color: rgb(161,  
185, 122) }
```

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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