

Converting Colors

YUV(173.7780, -23.5546,
-5.0673)

Have a look what the booklet for
YUV(173.7780, -23.5546, -5.0673)
contains.

YUV(173.7780, -23.5546, -5.0673)	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(173.7780, -23.5546,
-5.0673)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BA7E
RGB	168, 186, 126
RGB Percent	66%, 73%, 49%
CMY	0.3412, 0.2706, 0.5059
CMYK	0.10, 0.00, 0.32, 0.27
HSL	78°, 30%, 61%
HSV	78°, 32%, 73%
XYZ	37.4733, 44.9490, 26.4396
YIQ	173.7780, 8.5320, -22.4760

Conversions

Conversions Part 2

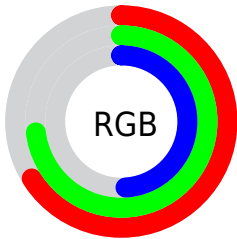
Format	Color
R_{YB}	126, 186, 144
Decimal	11057790
CIE Lab	72.86, -16.38, 28.43
CIE LCh	73, 32.809, 119.946
Yxy	44.9490, 0.3442, 0.4129
Android (android.graphics.Color)	4289247870 (0xFFA8BA7E)
YUV	173.7780, -23.5546, -5.0673
Hunter-Lab	67.0440, -17.5571, 23.5491

Details

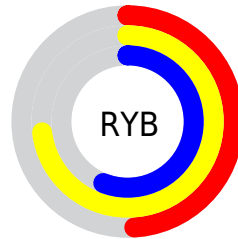
The YUV color **173.7780, -23.5546, -5.0673** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **138.2220, 23.5546, 5.0673**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.4360, -24.8649, -4.7674**, and **121.1200, -22.2442, -5.3672** is the 20% darker color. If you saturate the color by 10%, you get **169.8180, -30.9693, -6.8564**, and if you desaturate by 10%, it is **177.7380, -16.1398, -3.2782**.

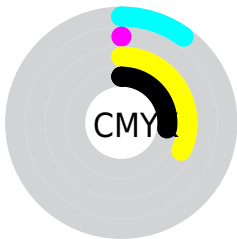
Distribution



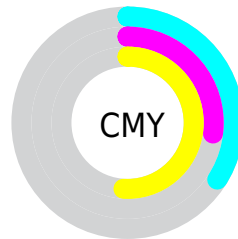
- Red (66%)
- Green (73%)
- Blue (49%)



- Red (49%)
- Yellow (73%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (34%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.7780, -23.5546, -5.0673 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 173.7780, -23.5546, -5.0673 by changing the saturation by 10% instead.

■ 173.7780,
-23.5546, -5.0673

■ 173.7780,
-23.5546, -5.0673

255.0000, 0.0000,
0.0000

■ 147.0060,
-22.6810, -5.2673

■ 229.4360,
-24.8649, -4.7674

■ 121.1200,
-22.2442, -5.3672

■ 248.9300,
-20.6715, 3.5694

■ 96.3480, -21.3706,
-5.5672

■ 252.7200, -8.7360,
1.9996

■ 71.8750, -20.6444,
-5.1524

■ 48.4620, -20.9338,
-5.6672

■ 28.5850, -14.0924,
-6.6520

■ 10.5660, -5.2090,

-9.2664

■ 0.0000, 0.0000,
0.0000

■ 173.7780,
-23.5546, -5.0673

■ 173.7780,
-23.5546, -5.0673

■ 169.8180,
-30.9693, -6.8564

■ 177.7380,
-16.1398, -3.2782

■ 166.2710,
-38.0946, -8.1307

■ 181.2850, -9.0145,
-2.0039

■ 162.3110,
-45.5093, -9.9197

■ 185.2450, -1.5998,
-0.2149

■ 158.7640,
-52.6347, -11.1940

■ 188.7920, 5.5255,
1.0594

■ 154.8040,
-60.0494, -12.9831

■ 192.7520, 12.9403,
2.8485

■ 151.1430,
-67.6115, -14.1574

■ 196.4130, 20.5024,
4.0228

■ 148.0520,
-72.9896, -15.8316

■ 200.1450, 27.0435,
6.0118

■ 201.9390, 26.1591,
9.7005

■ 203.4340, 25.4220,
12.7744

Harmonies

Analogous

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



177.2650, -28.7246, 19.9386



173.7780, -23.5546, -5.0673



169.3430, -10.5221, -31.8728

Triad

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



173.7780, -23.5546, -5.0673



166.4540, 31.3282, -61.7882



182.6560, -1.3094, 46.7827

Complementary

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



173.7780, -23.5546, -5.0673



138.2220, 23.5546, 5.0673

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.



183.2160, 12.7115, 29.6286



173.7780, -23.5546, -5.0673



175.5270, 30.7992, -32.0342

Square

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



173.7780, -23.5546, -5.0673



160.9120, 23.2144, -72.7138



181.4280, 24.4390, 1.3786



181.5950, -15.5763, 49.4672

Rectangle

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



173.7780, -23.5546, -5.0673



166.0940, 0.4467, -50.0714



181.4280, 24.4390, 1.3786



182.8880, 3.5062, 42.1942

Sweetspot

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



173.7780, -23.5546, -5.0673



237.1710, -9.4513, -1.9040



154.5060, -14.0535, 27.6202



119.2080, -5.5255, -1.0594



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



173.7780, -23.5546, -5.0673



222.9120, -36.9316, -7.8158



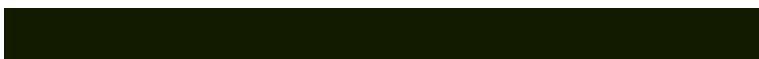
165.1070, -19.2798, -22.8958



90.0770, -3.4890, -0.9445



124.1630, -61.2124, -13.2980



22.4160, -11.0511, -2.1188

Inverse Universe

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



138.2220, 23.5546, 5.0673



167.0880, 36.9316, 7.8158



147.1920, 19.1323, 23.5106



84.6240, 3.6364, 0.3298



31.8370, 61.2124, 13.2980



5.5840, 11.0511, 2.1188

Previews

White Background



This preview shows how the YUV color 173.7780, -23.5546, -5.0673 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 173.7780, -23.5546, -5.0673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

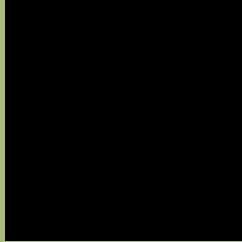
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.7780, -23.5546, -5.0673

Background



This preview shows how black text looks on a background with the YUV color 173.7780, -23.5546, -5.0673.



This preview shows how white text looks on a background with the YUV color 173.7780, -23.5546, -5.0673.

-5.0673.

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

173.7780, -23.5546, -5.0673

Protanopia

176.2150, -26.2350, 14.7204

Deuteranopia

178.4710, -24.3892, 29.4049



Tritanopia

179.2970, 6.2626, -2.0145

Trichromacy



Original Color

173.7780, -23.5546, -5.0673

Protanomaly

175.3990, -25.3397, 7.5431

Deuteranomaly

176.5080, -23.9144, 17.0945

Tritanomaly

177.4250, -4.6465, -3.0037

Monochromacy



Original Color

173.7780, -23.5546, -5.0673

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8120, -8.2883, -1.5891

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.7780, -23.5546, -5.0673 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(168, 186, 126)` looks like.

```
.text, #text, p{  
    color:rgb(168, 186, 126)  
}
```

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(168, 186, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 186, 126) }
```

Border

The CSS property to change the border of an element to YUV 173.7780, -23.5546, -5.0673 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(168, 186, 126) }
```


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

```
.border{ border-color:rgb(168, 186, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 186, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 186, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 186, 126);  
box-shadow:4px 4px 4px 4px rgb(168, 186,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 173.7780, -23.5546, -5.0673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 186, 126) }
```

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

```
.background{ background-color: rgb(168,  
186, 126) }
```

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