

Converting Colors

YUV(175.4970, -44.1220,
11.8421)

Have a look what the booklet for
YUV(175.4970, -44.1220, 11.8421)
contains.

YUV(175.4970, -44.1220, 11.8421)	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(175.4970, -44.1220,
11.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBA56
RGB	189, 186, 86
RGB Percent	74%, 73%, 34%
CMY	0.2588, 0.2706, 0.6627
CMYK	0.00, 0.02, 0.54, 0.26
HSL	58°, 44%, 54%
HSV	58°, 54%, 74%
XYZ	40.2249, 46.6085, 15.6804
YIQ	175.4970, 33.8880, -30.4640

Conversions

Conversions Part 2

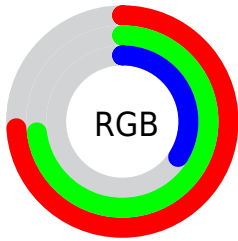
Format	Color
R _Y B	89, 189, 86
Decimal	12434006
CIE Lab	73.94, -12.27, 50.23
CIE LCh	74, 51.711, 103.728
Yxy	46.6085, 0.3924, 0.4547
Android (android.graphics.Color)	4290624086 (0xFFBDBA56)
YUV	175.4970, -44.1220, 11.8421
Hunter-Lab	68.2704, -14.3012, 34.1716

Details

The YUV color **175.4970, -44.1220, 11.8421** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **99.5030, 44.1220, -11.8421**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.7530, -45.7272, 13.3716**, and **121.7140, -43.2430, 9.8978** is the 20% darker color. If you saturate the color by 10%, you get **172.7440, -52.1318, 14.2565**, and if you desaturate by 10%, it is **178.2500, -36.1122, 9.4278**.

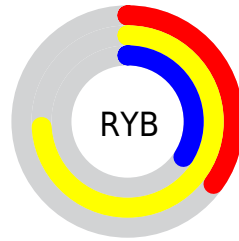
Distribution



Red (74%)

Green (73%)

Blue (34%)



Red (35%)

Yellow (74%)

Blue (34%)

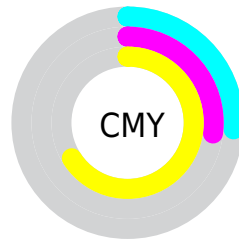


Cyan (0%)

Magenta (2%)

Yellow (54%)

Black (26%)



Cyan (26%)

Magenta (27%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.4970, -44.1220, 11.8421 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 175.4970, -44.1220, 11.8421 by changing the saturation by 10% instead.

■ 175.4970,
-44.1220, 11.8421

■ 175.4970,
-44.1220, 11.8421

■ 255.0000, 0.0000,
0.0000

■ 148.3120,
-43.5378, 11.1274

■ 231.7530,
-45.7272, 13.3716

■ 121.7140,
-43.2430, 9.8978

■ 244.8540,
-38.8750, 8.8980

■ 95.0900, -46.8794,
9.5681

■ 248.0460,
-26.6447, 6.0987

■ 73.2280, -36.1014,
5.9390

■ 251.2380,
-14.4143, 3.2993

■ 52.2520, -25.7602,
2.4100

■ 254.5440, -1.7472,
0.3999

■ 31.8630, -15.7085,
-1.6339

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 175.4970,
-44.1220, 11.8421

■ 175.4970,
-44.1220, 11.8421

■ 172.7440,
-52.1318, 14.2565

■ 178.2500,
-36.1122, 9.4278

■ 170.5780,
-60.4310, 16.1561

■ 180.4160,
-27.8131, 7.5282

■ 167.8250,
-68.4407, 18.5705

■ 183.1690,
-19.8033, 5.1138

■ 165.6590,
-76.7399, 20.4701

■ 185.3350,
-11.5042, 3.2142

■ 163.9320,
-80.8185, 21.9846

■ 188.0880, -3.4944,
0.7998

■ 190.1400, 4.3680,
-0.9998

■ 192.8930, 12.3778,
-3.4142

■ 195.0590, 20.6769,
-5.3137

■ 197.6980, 28.2499,
-7.6281

Harmonies

Analogous

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



179.3040, -44.5199, 46.2144



175.4970, -44.1220, 11.8421



169.5440, -28.8622, -29.4181

Triad

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



175.4970, -44.1220, 11.8421



147.2050, 48.7059, -129.0988



185.8870, 11.8877, 60.6121

Complementary

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



175.4970, -44.1220, 11.8421



99.5030, 44.1220, -11.8421

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.



187.1070, 31.4992, 23.5852



175.4970, -44.1220, 11.8421



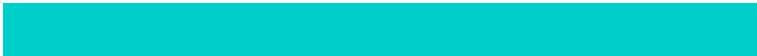
142.9480, 55.2416, -125.3654

Square

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



175.4970, -44.1220, 11.8421



144.0640, 29.0554, -126.3441



176.9000, 38.5033, -29.7303



178.0670, -7.9210, 67.4702

Rectangle

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



175.4970, -44.1220, 11.8421



162.4010, -12.0297, -61.7417



176.9000, 38.5033, -29.7303



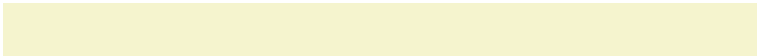
186.9550, 18.7562, 50.9055

Sweetspot

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



175.4970, -44.1220, 11.8421



239.9670, -16.7457, 4.4139



117.1390, -13.8725, 63.0221



119.3780, -10.0464, 2.2995



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.



175.4970, -44.1220, 11.8421



223.9390, -68.0039, 18.4705



162.9060, -37.9147, -19.2116



92.9740, -3.9312, 0.8998



137.0530, -67.5671, 18.3705



26.8790, -13.2513, 3.6141

Inverse Universe

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



99.5030, 44.1220, -11.8421



106.4740, 68.2933, -17.9557



112.0940, 37.9147, 19.2116



86.0260, 3.9312, -0.8998



20.9470, 67.5671, -18.3705



4.1210, 13.2513, -3.6141

Previews

White Background



This preview shows how the YUV color 175.4970, -44.1220, 11.8421 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 175.4970, -44.1220, 11.8421 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 175.4970, -44.1220, 11.8421 Background



This preview shows how black text looks on a background with the YUV color 175.4970, -44.1220, 11.8421.



This preview shows how white text looks on a background with the YUV color 175.4970, -44.1220, 11.8421.

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

175.4970, -44.1220, 11.8421

Protanopia

176.6230, -45.1701, 21.3786

Deuteranopia

178.6730, -44.2088, 39.7518



Tritanopia

183.7720, 2.5774, 13.3550

Trichromacy



Original Color

175.4970, -44.1220, 11.8421

Protanomaly

176.0140, -44.8699, 18.4047

Deuteranomaly

177.6070, -44.1763, 29.2857

Tritanomaly

180.7060, -14.1521, 12.5358

Monochromacy



Original Color

175.4970, -44.1220, 11.8421

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.1950, -15.8721, 4.2140

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.4970, -44.1220, 11.8421 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(189, 186, 86)` looks like.

```
.text, #text, p{  
    color:rgb(189, 186, 86)  
}
```

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(189, 186, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 186, 86) }
```

Border

The CSS property to change the border of an element to YUV 175.4970, -44.1220, 11.8421 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(189, 186, 86) }
```


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

```
.border{ border-color:rgb(189, 186, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 186, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 186, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 186, 86);  
box-shadow:4px 4px 4px 4px rgb(189, 186,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 175.4970, -44.1220, 11.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 186, 86) }
```

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

```
.background{ background-color: rgb(189,  
186, 86) }
```

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