

Converting Colors

YUV(173.1620, -42.9709,
-30.8371)

Have a look what the booklet for
YUV(173.1620, -42.9709, -30.8371)
contains.

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Color

**YUV(173.1620, -42.9709,
-30.8371)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD056
RGB	138, 208, 86
RGB Percent	54%, 82%, 34%
CMY	0.4588, 0.1843, 0.6627
CMYK	0.34, 0.00, 0.59, 0.18
HSL	94°, 56%, 58%
HSV	94°, 59%, 82%
XYZ	34.7168, 51.1869, 16.8544
YIQ	173.1620, -2.5580, -52.7820

Conversions

Conversions Part 2

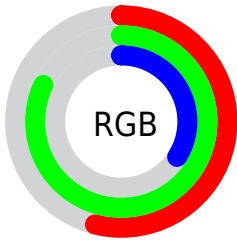
Format	Color
RYB	86, 208, 156
Decimal	9097302
CIELab	76.79, -42.55, 52.60
CIELCh	77, 67.657, 128.972
Yxy	51.1869, 0.3378, 0.4981
Android (android.graphics.Color)	4287287382 (0xFF8AD056)
YUV	173.1620, -42.9709, -30.8371
Hunter-Lab	71.5450, -38.5877, 36.1141

Details

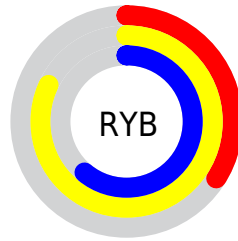
The YUV color **173.1620, -42.9709, -30.8371** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **120.8380, 42.9709, 30.8371**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9500, -41.3874, -25.3892**, and **117.8630, -42.8235, -31.4519** is the 20% darker color. If you saturate the color by 10%, you get **167.1800, -50.3747, -36.1149**, and if you desaturate by 10%, it is **179.1440, -35.5670, -25.5593**.

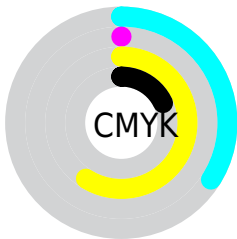
Distribution



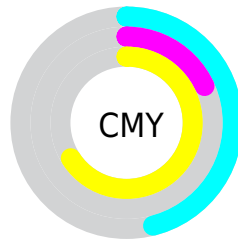
- Red (54%)
- Green (82%)
- Blue (34%)



- Red (34%)
- Yellow (82%)
- Blue (61%)



- Cyan (34%)
- Magenta (0%)
- Yellow (59%)
- Black (18%)



- Cyan (46%)
- Magenta (18%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.1620, -42.9709, -30.8371 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 173.1620, -42.9709, -30.8371 by changing the saturation by 10% instead.

■ 173.1620,
-42.9709, -30.8371

■ 173.1620,
-42.9709, -30.8371

255.0000, 0.0000,
0.0000

■ 145.2760,
-42.5341, -30.9371

■ 223.9500,
-41.3874, -25.3892

■ 117.8630,
-42.8235, -31.4519

■ 235.6990,
-33.8686, -10.2600

■ 90.6950, -44.7126,
-32.1815

■ 247.5620,
-25.9131, 4.7691

■ 65.5660, -32.3240,
-39.0844

■ 251.4660,
-13.5407, 3.0993

■ 44.6120, -21.9937,
-39.1247

254.7720, -0.8736,
0.2000

■ 31.1110, -15.3377,
-27.2843

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 173.1620,
-42.9709, -30.8371

■ 173.1620,
-42.9709, -30.8371

■ 167.1800,
-50.3747, -36.1149

■ 179.1440,
-35.5670, -25.5593

■ 161.1980,
-57.7786, -41.3926

■ 185.1260,
-28.1631, -20.2815

■ 155.3300,
-64.7457, -46.7704

■ 190.9940,
-21.1960, -14.9037

■ 149.3480,
-72.1496, -52.0482

■ 196.9760,
-13.7922, -9.6260

■ 148.7070,
-73.3126, -52.3630

■ 202.9580, -6.3883,
-4.3482

■ 208.9400, 1.0156,
0.9296

■ 214.9220, 8.4195,
6.2074

■ 220.4910, 15.5339,
10.9704

■ 224.4210, 15.0754,
18.0478

Harmonies

Analogous

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



180.1550, -62.1944, 21.7891



173.1620, -42.9709, -30.8371



143.5670, -0.7725, -125.9083

Triad

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



173.1620, -42.9709, -30.8371



151.1660, 51.1902, -132.5726



173.4510, -0.2223, 71.5185

Complementary

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



173.1620, -42.9709, -30.8371



120.8380, 42.9709, 30.8371

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.



185.3290, 24.9808, 61.1015



173.1620, -42.9709, -30.8371



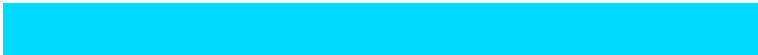
170.2010, 41.8059, -62.4433

Square

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



173.1620, -42.9709, -30.8371



157.0360, 48.2963, -137.7206



190.8080, 31.6467, 22.9704



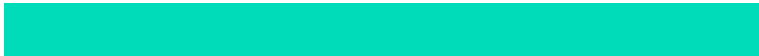
174.9430, -30.0449, 70.2100

Rectangle

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



173.1620, -42.9709, -30.8371



150.2300, 17.1416, -131.7517



190.8080, 31.6467, 22.9704



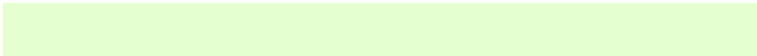
175.8450, 8.9504, 69.4189

Sweetspot

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



173.1620, -42.9709, -30.8371



241.9820, -16.2601, -11.3852



162.9810, -37.9516, 39.4817



119.6110, -10.1612, -7.5518



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



173.1620, -42.9709, -30.8371



204.2100, -62.7145, -44.9112



158.5260, -31.8113, -63.6053



101.9520, -3.9203, -2.5889



120.1440, -59.2310, -42.2223



29.1500, -14.3709, -10.6555

Inverse Universe

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



120.8380, 42.9709, 30.8371



127.7900, 62.7145, 44.9112



135.4740, 31.8113, 63.6053



97.0480, 3.9203, 2.5889



48.1550, 59.0836, 42.8371



11.5510, 14.5184, 10.0408

Previews

White Background



This preview shows how the YUV color 173.1620, -42.9709, -30.8371 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 173.1620, -42.9709, -30.8371 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 173.1620, -42.9709, -30.8371 Background



This preview shows how black text looks on a background with the YUV color 173.1620, -42.9709, -30.8371.



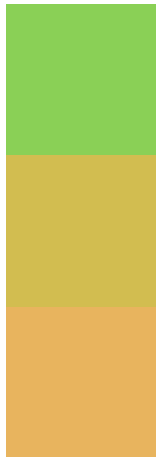
This preview shows how white text looks on a background with the YUV color 173.1620, -42.9709, -30.8371.

-30.8371.

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

173.1620, -42.9709, -30.8371

Protanopia

182.8530, -50.7065, 23.8079

Deuteranopia

185.7440, -45.2298, 40.5665



Tritanopia

185.4620, 12.5902, -24.9612

Trichromacy



Original Color

173.1620, -42.9709, -30.8371

Protanomaly

179.4160, -48.0261, 4.0202

Deuteranomaly

181.1060, -44.4223, 14.8160

Tritanomaly

181.1740, -7.4808, -27.3396

Monochromacy



Original Color

173.1620, -42.9709, -30.8371

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0960, -15.8233, -11.4852

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1620, -42.9709, -30.8371 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(138, 208, 86)` looks like.

```
.text, #text, p{  
    color:rgb(138, 208, 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(138, 208, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 208, 86) }
```

Border

The CSS property to change the border of an element to YUV 173.1620, -42.9709, -30.8371 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(138, 208, 86) }
```


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

```
.border{ border-color:rgb(138, 208, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 208, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 208, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 208, 86);  
box-shadow:4px 4px 4px 4px rgb(138, 208,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 173.1620, -42.9709, -30.8371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 208, 86) }
```

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

```
.background{ background-color: rgb(138,  
208, 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](#).

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