

Converting Colors

YUV(172.0580, -48.3426,
12.2271)

Have a look what the booklet for
YUV(172.0580, -48.3426, 12.2271)
contains.

YUV(172.0580, -48.3426, 12.2271)	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(172.0580, -48.3426,
12.2271)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB84A
RGB	186, 184, 74
RGB Percent	73%, 72%, 29%
CMY	0.2706, 0.2784, 0.7098
CMYK	0.00, 0.01, 0.60, 0.27
HSL	59°, 45%, 51%
HSV	59°, 60%, 73%
XYZ	38.6262, 45.2145, 13.1700
YIQ	172.0580, 36.5020, -33.7860

Conversions

Conversions Part 2

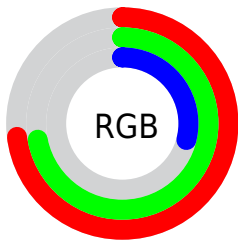
Format	Color
RYB	76, 186, 74
Decimal	12236874
CIELab	73.03, -13.41, 54.60
CIELCh	73, 56.218, 103.798
Yxy	45.2145, 0.3982, 0.4661
Android (android.graphics.Color)	4290426954 (0xFFBAB84A)
YUV	172.0580, -48.3426, 12.2271
Hunter-Lab	67.2417, -15.1358, 35.4566

Details

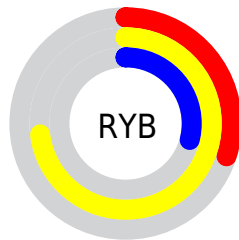
The YUV color **172.0580, -48.3426, 12.2271** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **87.9420, 48.3426, -12.2271**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3140, -49.9478, 13.7566**, and **117.5910, -50.0844, 10.8827** is the 20% darker color. If you saturate the color by 10%, you get **169.8920, -56.6418, 14.1267**, and if you desaturate by 10%, it is **174.2240, -40.0434, 10.3276**.

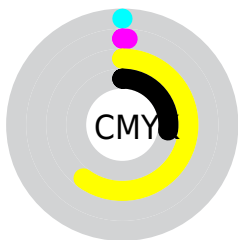
Distribution



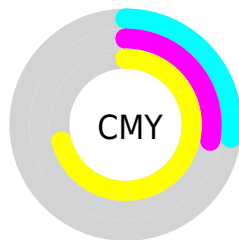
- Red (73%)
- Green (72%)
- Blue (29%)



- Red (30%)
- Yellow (73%)
- Blue (29%)



- Cyan (0%)
- Magenta (1%)
- Yellow (60%)
- Black (27%)



- Cyan (27%)
- Magenta (28%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.0580, -48.3426, 12.2271 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 172.0580, -48.3426, 12.2271 by changing the saturation by 10% instead.

■ 172.0580,
-48.3426, 12.2271

■ 172.0580,
-48.3426, 12.2271

■ 255.0000, 0.0000,
0.0000

■ 144.7590,
-48.1952, 11.6124

■ 228.3140,
-49.9478, 13.7566

■ 117.5910,
-50.0844, 10.8827

■ 243.4860,
-44.1166, 10.0978

■ 93.0190, -45.8584,
8.7533

■ 246.6780,
-31.8863, 7.2984

■ 71.1570, -35.0804,
5.1243

■ 249.8700,
-19.6559, 4.4990

■ 49.8820, -24.5918,
0.9805

■ 253.1760, -6.9888,
1.5996

■ 30.0800, -14.8294,
-3.5782

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 172.0580,
-48.3426, 12.2271

■ 172.0580,
-48.3426, 12.2271

■ 169.8920,
-56.6418, 14.1267

■ 174.2240,
-40.0434, 10.3276

■ 167.2530,
-64.2147, 16.4411

■ 176.8630,
-32.4705, 8.0131

■ 165.0870,
-72.5139, 18.3407

■ 179.0290,
-24.1713, 6.1136

■ 163.0350,
-80.3763, 20.1403

■ 181.0810,
-16.3089, 4.3140

■ 183.8340, -8.2992,
1.8996

■ 186.0000, 0.0000,
0.0000

■ 188.0520, 7.8624,
-1.7996

■ 190.8050, 15.8721,
-4.2140

■ 192.8570, 23.7345,
-6.0136

Harmonies

Analogous

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



176.2890, -48.4565, 48.8585



172.0580, -48.3426, 12.2271



165.2510, -31.1827, -31.7921

Triad

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



172.0580, -48.3426, 12.2271



146.9600, 50.3057, -128.8839



181.6640, 13.4766, 64.3157

Complementary

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



172.0580, -48.3426, 12.2271



87.9420, 48.3426, -12.2271

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.



184.5140, 34.2566, 25.8592



172.0580, -48.3426, 12.2271



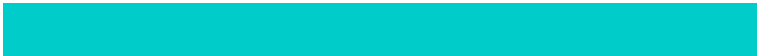
142.3610, 55.5310, -124.8506

Square

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



172.0580, -48.3426, 12.2271



143.3630, 28.9080, -125.7294



173.0350, 40.4087, -34.2337



173.3880, -8.0793, 71.5737

Rectangle

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



172.0580, -48.3426, 12.2271



155.7590, -11.7132, -69.9486



173.0350, 40.4087, -34.2337



184.4440, 20.4871, 55.7386

Sweetspot

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



172.0580, -48.3426, 12.2271



236.5110, -18.4929, 4.8139



107.9440, -14.7624, 68.4551



118.9220, -11.7935, 2.6994



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.



172.0580, -48.3426, 12.2271



220.4030, -75.1347, 18.9406



157.6840, -41.2562, -20.7709



90.9740, -3.9312, 0.8998



136.4550, -67.2723, 17.1410



24.8080, -12.2303, 2.7994

Inverse Universe

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



87.9420, 48.3426, -12.2271



89.5970, 75.1347, -18.9406



102.3160, 41.2562, 20.7709



84.0260, 3.9312, -0.8998



19.5450, 67.2723, -17.1410



3.7790, 11.9410, -3.3142

Previews

White Background



This preview shows how the YUV color 172.0580, -48.3426, 12.2271 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 172.0580, -48.3426, 12.2271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

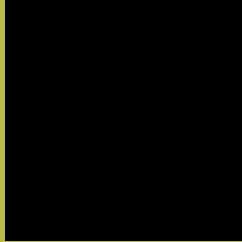
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.0580, -48.3426, 12.2271

Background



This preview shows how black text looks on a background with the YUV color 172.0580, -48.3426, 12.2271.



This preview shows how white text looks on a background with the YUV color 172.0580, -48.3426, 12.2271.

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

172.0580, -48.3426, 12.2271

Protanopia

173.1950, -49.3961, 23.5080

Deuteranopia

175.0600, -47.8506, 41.1664



Tritanopia

181.6580, 2.1406, 13.4549

Trichromacy



Original Color

172.0580, -48.3426, 12.2271

Protanomaly

172.8740, -49.2379, 19.4045

Deuteranomaly

173.9940, -47.8180, 30.7003

Tritanomaly

178.1360, -16.3360, 13.0357

Monochromacy



Original Color

172.0580, -48.3426, 12.2271

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.7390, -17.6193, 4.6139

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0580, -48.3426, 12.2271 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(186, 184, 74)` looks like.

```
.text, #text, p{  
    color:rgb(186, 184, 74)  
}
```

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(186, 184, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 184, 74) }
```

Border

The CSS property to change the border of an element to YUV 172.0580, -48.3426, 12.2271 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(186, 184, 74) }
```


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

```
.border{ border-color:rgb(186, 184, 74) }
```

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

Here you see how a box with a 4 pixel rgb(186, 184, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 184, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 184, 74);  
box-shadow:4px 4px 4px 4px rgb(186, 184,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 172.0580, -48.3426, 12.2271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 184, 74) }
```

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

```
.background{ background-color: rgb(186,  
184, 74) }
```

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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