

Converting Colors

YUV(173.4370, -43.1064,
12.7718)

Have a look what the booklet for
YUV(173.4370, -43.1064, 12.7718)
contains.

YUV(173.4370, -43.1064, 12.7718)	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(173.4370, -43.1064,
12.7718)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB756
RGB	188, 183, 86
RGB Percent	74%, 72%, 34%
CMY	0.2627, 0.2824, 0.6627
CMYK	0.00, 0.03, 0.54, 0.26
HSL	57°, 43%, 54%
HSV	57°, 54%, 74%
XYZ	39.3522, 45.2302, 15.4603
YIQ	173.4370, 34.1170, -29.1070

Conversions

Conversions Part 2

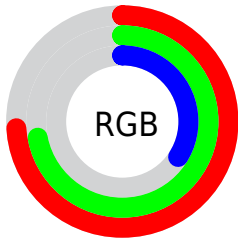
Format	Color
R _Y B	91, 188, 86
Decimal	12367702
CIE Lab	73.04, -11.15, 49.18
CIE LCh	73, 50.430, 102.769
Yxy	45.2302, 0.3934, 0.4521
Android (android.graphics.Color)	4290557782 (0xFFBCB756)
YUV	173.4370, -43.1064, 12.7718
Hunter-Lab	67.2534, -13.2471, 33.4477

Details

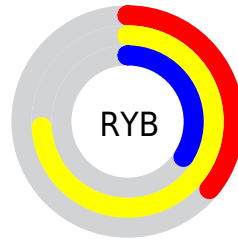
The YUV color $173.4370, -43.1064, 12.7718$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $100.5630, 43.1064, -12.7718$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.6930, -44.7116, 14.3012$, and $119.6540, -42.2274, 10.8274$ is the 20% darker color. If you saturate the color by 10%, you get $170.6840, -51.1162, 15.1861$, and if you desaturate by 10%, it is $176.1900, -35.0967, 10.3574$.

Distribution



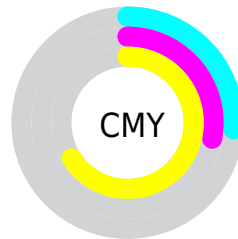
- Red (74%)
- Green (72%)
- Blue (34%)



- Red (36%)
- Yellow (74%)
- Blue (34%)



- Cyan (0%)
- Magenta (3%)
- Yellow (54%)
- Black (26%)



- Cyan (26%)
- Magenta (28%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4370, -43.1064, 12.7718 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 173.4370, -43.1064, 12.7718 by changing the saturation by 10% instead.

■ 173.4370,
-43.1064, 12.7718

■ 173.4370,
-43.1064, 12.7718

■ 255.0000, 0.0000,
0.0000

■ 146.2520,
-42.5222, 12.0570

■ 229.6930,
-44.7116, 14.3012

■ 119.6540,
-42.2274, 10.8274

■ 244.8540,
-38.8750, 8.8980

■ 93.1440, -45.4270,
10.3977

■ 248.0460,
-26.6447, 6.0987

■ 71.1680, -35.0858,
6.8687

■ 251.2380,
-14.4143, 3.2993

■ 50.1920, -24.7447,
3.3396

■ 254.5440, -1.7472,
0.3999

■ 30.3900, -14.9823,
-1.2190

■ 10.5660, -5.2090,

-9.2664

■ 0.0000, 0.0000,
0.0000

■ 173.4370,
-43.1064, 12.7718

■ 173.4370,
-43.1064, 12.7718

■ 170.6840,
-51.1162, 15.1861

■ 176.1900,
-35.0967, 10.3574

■ 167.9310,
-59.1260, 17.6005

■ 178.9430,
-27.0869, 7.9430

■ 165.2920,
-66.6990, 19.9149

■ 181.5820,
-19.5139, 5.6286

■ 162.5390,
-74.7087, 22.3293

■ 184.3350,
-11.5042, 3.2142

■ 161.2850,
-79.5135, 23.4291

■ 187.0880, -3.4944,
0.7998

■ 189.8410, 4.5154,
-1.6146

■ 192.0070, 12.8145,
-3.5141

■ 194.6460, 20.3875,
-5.8285

■ 197.3990, 28.3973,
-8.2429

Harmonies

Analogous

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



177.0590, -42.9201, 46.4293



173.4370, -43.1064, 12.7718



167.8540, -29.0150, -27.0590

Triad

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



173.4370, -43.1064, 12.7718



144.8740, 47.3901, -127.0545



183.8760, 11.8931, 58.8677

Complementary

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



173.4370, -43.1064, 12.7718



100.5630, 43.1064, -12.7718

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.



184.5690, 30.7785, 21.4260



173.4370, -43.1064, 12.7718



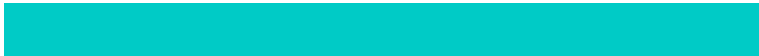
141.7740, 55.8204, -124.3358

Square

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



173.4370, -43.1064, 12.7718



141.7330, 27.7396, -124.2998



174.5300, 39.6717, -31.1598



177.3660, -8.0684, 68.0850

Rectangle

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



173.4370, -43.1064, 12.7718



160.6080, -12.6247, -57.5382



174.5300, 39.6717, -31.1598



184.5310, 18.4722, 48.6463

Sweetspot

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



173.4370, -43.1064, 12.7718



239.3800, -16.4563, 4.9287



117.0680, -12.8515, 62.2074



118.7910, -9.7570, 2.8143



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.



173.4370, -43.1064, 12.7718



222.1780, -67.1358, 20.0149



162.6180, -37.7727, -18.0820



92.9740, -3.9312, 0.8998



135.2920, -66.6990, 19.9149



26.2920, -12.9620, 4.1289

Inverse Universe

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



100.5630, 43.1064, -12.7718



108.2350, 67.4251, -19.5001



111.3820, 37.7727, 18.0820



86.0260, 3.9312, -0.8998



22.7080, 66.6990, -19.9149



4.1210, 13.2513, -3.6141

Previews

White Background



This preview shows how the YUV color 173.4370, -43.1064, 12.7718 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 173.4370, -43.1064, 12.7718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

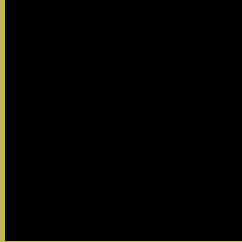
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.4370, -43.1064, 12.7718

Background



This preview shows how black text looks on a background with the YUV color 173.4370, -43.1064, 12.7718.



This preview shows how white text looks on a background with the YUV color 173.4370, -43.1064, 12.7718.

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

173.4370, -43.1064, 12.7718

Protanopia

174.2640, -44.0072, 21.6935

Deuteranopia

176.6020, -43.1878, 38.9370



Tritanopia

181.3700, 2.2826, 14.5845

Trichromacy



Original Color

173.4370, -43.1064, 12.7718

Protanomaly

173.6550, -43.7069, 18.7196

Deuteranomaly

175.2480, -43.0133, 29.6005

Tritanomaly

178.4180, -14.0101, 13.6654

Monochromacy



Original Color

173.4370, -43.1064, 12.7718

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1950, -15.8721, 4.2140

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4370, -43.1064, 12.7718 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(188, 183, 86)` looks like.

```
.text, #text, p{  
    color:rgb(188, 183, 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(188, 183, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 183, 86) }
```

Border

The CSS property to change the border of an element to YUV 173.4370, -43.1064, 12.7718 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(188, 183, 86) }
```


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

```
.border{ border-color:rgb(188, 183, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 183, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 183, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 183, 86);  
box-shadow:4px 4px 4px 4px rgb(188, 183,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 173.4370, -43.1064, 12.7718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 183, 86) }
```

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

```
.background{ background-color: rgb(188,  
183, 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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