

Converting Colors

YUV(170.1840, -12.4157,
15.6246)

Have a look what the booklet for
YUV(170.1840, -12.4157, 15.6246)
contains.

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Color

**YUV(170.1840, -12.4157,
15.6246)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA691
RGB	188, 166, 145
RGB Percent	74%, 65%, 57%
CMY	0.2627, 0.3490, 0.4314
CMYK	0.00, 0.12, 0.23, 0.26
HSL	29°, 24%, 65%
HSV	29°, 23%, 74%
XYZ	39.4861, 40.0081, 32.4293
YIQ	170.1840, 19.8530, -1.8670

Conversions

Conversions Part 2

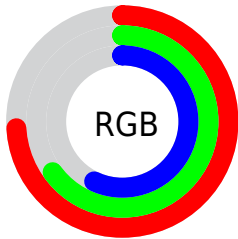
Format	Color
R _Y B	188, 186, 145
Decimal	12363409
CIE Lab	69.48, 4.65, 13.81
CIE LCh	69, 14.571, 71.370
Yxy	40.0081, 0.3528, 0.3575
Android (android.graphics.Color)	4290553489 (0xFFBCA691)
YUV	170.1840, -12.4157, 15.6246
Hunter-Lab	63.2520, 0.7406, 13.8784

Details

The YUV color $170.1840, -12.4157, 15.6246$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $162.8160, 12.4157, -15.6246$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.6680, -13.1473, 16.9542$, and $117.8140, -11.2473, 14.1951$ is the 20% darker color. If you saturate the color by 10%, you get $162.1480, -17.8210, 22.6722$, and if you desaturate by 10%, it is $178.2200, -7.0105, 8.5771$.

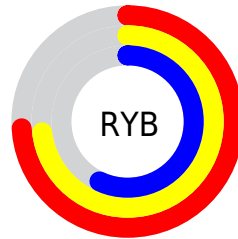
Distribution



Red (74%)

Green (65%)

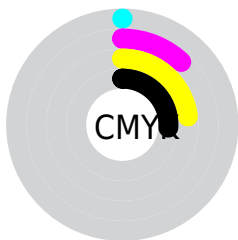
Blue (57%)



Red (74%)

Yellow (73%)

Blue (57%)

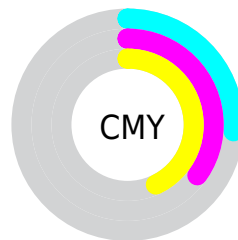


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1840, -12.4157, 15.6246 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 170.1840, -12.4157, 15.6246 by changing the saturation by 10% instead.

■ 170.1840,
-12.4157, 15.6246

■ 170.1840,
-12.4157, 15.6246

255.0000, 0.0000,
0.0000

■ 143.8850,
-12.2683, 15.0099

■ 225.6680,
-13.1473, 16.9542

■ 117.8140,
-11.2473, 14.1951

■ 248.8730,
-10.7834, 5.3734

■ 93.5150, -11.0999,
13.5803

■ 69.3300, -10.5157,
12.8656

■ 46.8460, -9.7841,
11.5361

■ 25.5640, -12.1101,
10.9064

■ 1.7940, -0.8844,

3.6887

0.0000, 0.0000,
0.0000

170.1840,
-12.4157, 15.6246

170.1840,
-12.4157, 15.6246

162.1480,
-17.8210, 22.6722

178.2200, -7.0105,
8.5771

154.6990,
-23.5156, 29.2050

185.6690, -1.3158,
2.0443

146.7770,
-28.4841, 36.1526

193.5910, 3.6526,
-4.9033

139.3280,
-34.1787, 42.6853

201.0400, 9.3473,
-11.4361

131.2920,
-39.5840, 49.7329

209.0760, 14.7525,
-18.4837

■ 123.2560,
-44.9892, 56.7805

■ 216.7700, 18.8474,
-25.2313

■ 115.8070,
-50.6839, 63.3133

■ 222.0530, 16.2429,
-29.8645

■ 110.2160,
-54.3365, 68.2166

■ 227.9230, 13.3490,
-35.0125

■ 233.7930, 10.4551,
-40.1605

Harmonies

Analogous

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



171.1400, -8.9430, 21.8022



170.1840, -12.4157, 15.6246



168.5310, -12.0938, 5.6733

Triad

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



170.1840, -12.4157, 15.6246



164.6980, 4.5859, -24.2911



171.7370, 9.0037, 5.4927

Complementary

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



170.1840, -12.4157, 15.6246



162.8160, 12.4157, -15.6246

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.



169.8710, 12.3886, -6.9029



170.1840, -12.4157, 15.6246



165.2940, 10.7011, -25.6908

Square

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



170.1840, -12.4157, 15.6246



165.9070, -2.4192, -17.4584



167.3210, 13.1527, -18.6985



172.4950, 2.7140, 16.2289

Rectangle

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



170.1840, -12.4157, 15.6246



167.6440, -10.1775, -2.3188



167.3210, 13.1527, -18.6985



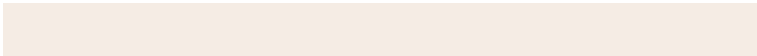
171.0570, 10.3249, 1.7040

Sweetspot

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



170.1840, -12.4157, 15.6246



237.7790, -4.8210, 6.3328



160.3650, 3.2711, 24.2359



118.0390, -2.4842, 3.4738



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.



170.1840, -12.4157, 15.6246



217.5180, -18.9894, 24.1017



182.5110, -18.4929, 4.8139



90.6260, -2.7736, 2.9590



92.4410, -45.5734, 57.4952



18.0740, -8.9105, 11.3361

Inverse Universe

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



162.8160, 12.4157, -15.6246



206.4820, 18.9894, -24.1017



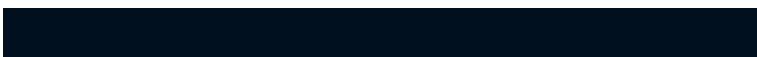
150.4890, 18.4929, -4.8139



88.9610, 2.4842, -3.4738



65.5590, 45.5734, -57.4952



12.9260, 8.9105, -11.3361

Previews

White Background



This preview shows how the YUV color 170.1840, -12.4157, 15.6246 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 170.1840, -12.4157, 15.6246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

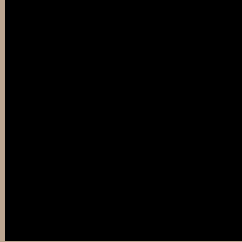
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.1840, -12.4157, 15.6246

Background



This preview shows how black text looks on a background with the YUV color 170.1840, -12.4157, 15.6246.



This preview shows how white text looks on a background with the YUV color 170.1840, -12.4157, 15.6246.

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

170.1840, -12.4157, 15.6246

Protanopia

169.1830, -10.9362, 7.7325

Deuteranopia

170.6300, -12.1426, 21.3725



Tritanopia

172.3380, 0.8194, 17.2436

Trichromacy



Original Color

170.1840, -12.4157, 15.6246

Protanomaly

169.6780, -11.6733, 10.8064

Deuteranomaly

170.3200, -11.9898, 19.0134

Tritanomaly

171.3720, -4.1274, 17.2138

Monochromacy



Original Color

170.1840, -12.4157, 15.6246

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.4800, -4.6736, 5.7180

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1840, -12.4157, 15.6246 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, 166, 145)` looks like.

```
.text, #text, p{  
    color:rgb(188, 166, 145)  
}
```

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, 166, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 166, 145) }
```

Border

The CSS property to change the border of an element to YUV 170.1840, -12.4157, 15.6246 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, 166, 145) }
```


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

```
.border{ border-color:rgb(188, 166, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 166, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 166, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 166, 145);  
box-shadow:4px 4px 4px 4px rgb(188, 166,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 170.1840, -12.4157, 15.6246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 166, 145) }
```

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

```
.background{ background-color: rgb(188,  
166, 145) }
```

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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