

Converting Colors

YUV(178.3250, -12.9782,
9.3620)

Have a look what the booklet for
YUV(178.3250, -12.9782, 9.3620)
contains.

YUV(178.3250, -12.9782, 9.3620)	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(178.3250, -12.9782,
9.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB298
RGB	189, 178, 152
RGB Percent	74%, 70%, 60%
CMY	0.2588, 0.3020, 0.4039
CMYK	0.00, 0.06, 0.20, 0.26
HSL	42°, 22%, 67%
HSV	42°, 20%, 74%
XYZ	42.5742, 44.9266, 36.1336
YIQ	178.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

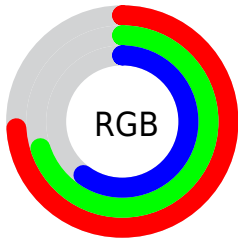
Format	Color
R _Y B	168, 189, 152
Decimal	12432024
CIE Lab	72.84, -0.38, 14.71
CIE LCh	73, 14.716, 91.482
Yxy	44.9266, 0.3444, 0.3634
Android (android.graphics.Color)	4290622104 (0xFFBDB298)
YUV	178.3250, -12.9782, 9.3620
Hunter-Lab	67.0273, -3.9188, 14.9566

Details

The YUV color $178.3250, -12.9782, 9.3620$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $162.6750, 12.9782, -9.3620$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.3960, -13.9992, 10.1767$, and $125.2540, -11.9572, 8.5472$ is the 20% darker color. If you saturate the color by 10%, you get $172.6370, -19.5410, 14.3504$, and if you desaturate by 10%, it is $184.0130, -6.4154, 4.3736$.

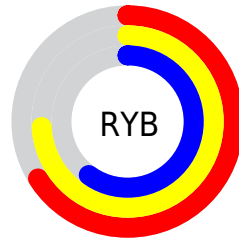
Distribution



Red (74%)

Green (70%)

Blue (60%)



Red (66%)

Yellow (74%)

Blue (60%)

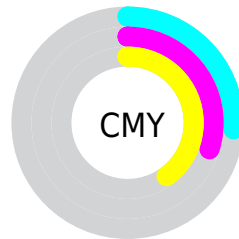


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.3250, -12.9782, 9.3620 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 178.3250, -12.9782, 9.3620 by changing the saturation by 10% instead.

■ 178.3250,
-12.9782, 9.3620

■ 178.3250,
-12.9782, 9.3620

255.0000, 0.0000,
0.0000

■ 151.4390,
-12.5414, 9.2620

■ 234.3960,
-13.9992, 10.1767

■ 125.2540,
-11.9572, 8.5472

■ 252.7200, -8.7360,
1.9996

■ 100.9550,
-11.8098, 7.9325

■ 76.7700, -11.2256,
7.2177

■ 53.9980, -10.3520,
7.0178

■ 32.1720, -10.9308,
5.9882

■ 10.0560, -4.9576,

3.4589

■ 0.0000, 0.0000,
0.0000

■ 178.3250,
-12.9782, 9.3620

■ 178.3250,
-12.9782, 9.3620

■ 172.6370,
-19.5410, 14.3504

■ 184.0130, -6.4154,
4.3736

■ 167.5360,
-26.3932, 18.8239

■ 189.1140, 0.4368,
-0.1000

■ 161.8480,
-32.9561, 23.8123

■ 194.8020, 6.9996,
-5.0884

■ 156.7470,
-39.8083, 28.2859

■ 199.9030, 13.8518,
-9.5619

■ 151.0590,
-46.3711, 33.2743

■ 205.5910, 20.4146,
-14.5503

■ 145.4850,
-52.4971, 38.1627

■ 210.0250, 22.1727,
-18.4389

■ 140.3840,
-59.3493, 42.6362

■ 212.9600, 20.7257,
-21.0129

■ 134.6960,
-65.9121, 47.6246

■ 216.4820, 18.9894,
-24.1017

■ 134.5820,
-66.3489, 47.7246

■ 220.0040, 17.2530,
-27.1905

Harmonies

Analogous

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



180.0210, -11.8424, 18.3986



178.3250, -12.9782, 9.3620



176.6440, -10.1775, -2.3188

Triad

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



178.3250, -12.9782, 9.3620



174.1260, 8.8119, -26.4205



181.1680, 5.3402, 13.8847

Complementary

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



178.3250, -12.9782, 9.3620



162.6750, 12.9782, -9.3620

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.



180.1710, 10.7617, 1.6040



178.3250, -12.9782, 9.3620



176.1850, 12.7268, -22.0872

Square

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



178.3250, -12.9782, 9.3620



174.4270, 2.2545, -23.1765



178.3650, 13.1311, -11.7211



181.7900, -1.3755, 21.2322

Rectangle

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



178.3250, -12.9782, 9.3620



175.5120, -6.6614, -10.0960



178.3650, 13.1311, -11.7211



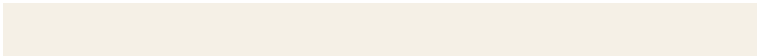
181.0150, 7.3876, 10.5108

Sweetspot

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



178.3250, -12.9782, 9.3620



240.3550, -5.1050, 4.0737



164.3170, -0.6493, 21.6470



119.9140, -2.9156, 1.8294



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.



178.3250, -12.9782, 9.3620



228.5230, -19.9778, 14.4503



182.6890, -15.1297, -0.6043



91.8000, -3.3524, 1.9294



112.3990, -55.4127, 39.9921



22.1830, -10.9362, 7.7325

Inverse Universe

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



162.6750, 12.9782, -9.3620



204.4770, 19.9778, -14.4503



158.3110, 15.1297, 0.6043



87.7870, 3.0630, -2.4442



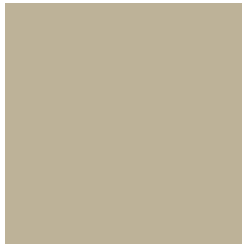
45.6010, 55.4127, -39.9921



8.8170, 10.9362, -7.7325

Previews

White Background



This preview shows how the YUV color 178.3250, -12.9782, 9.3620 looks on a white background.

Color Contrast Check

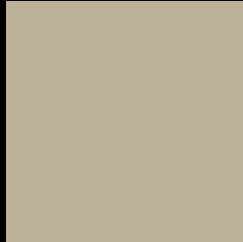
Large Text (above 18pt) WCAG AA × Fail

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 178.3250, -12.9782, 9.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

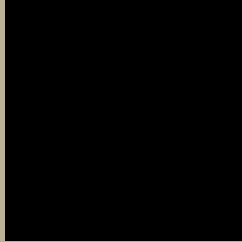
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

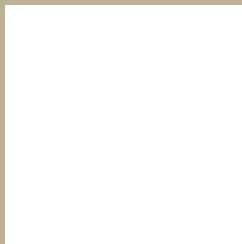
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.3250, -12.9782, 9.3620

Background



This preview shows how black text looks on a background with the YUV color 178.3250, -12.9782, 9.3620.



This preview shows how white text looks on a background with the YUV color 178.3250, -12.9782, 9.3620.

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

178.3250, -12.9782, 9.3620

Protanopia

178.0260, -12.8308, 8.7472

Deuteranopia

179.7010, -13.1636, 22.1872



Tritanopia

180.5760, 3.1670, 10.8958

Trichromacy



Original Color

178.3250, -12.9782, 9.3620

Protanomaly

178.0260, -12.8308, 8.7472

Deuteranomaly

179.0810, -12.8579, 17.4690

Tritanomaly

179.9690, -2.9427, 10.5512

Monochromacy



Original Color

178.3250, -12.9782, 9.3620

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1700, -4.5208, 3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.3250, -12.9782, 9.3620 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, 178, 152)` looks like.

```
.text, #text, p{  
    color:rgb(189, 178, 152)  
}
```

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, 178, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 178, 152) }
```

Border

The CSS property to change the border of an element to YUV 178.3250, -12.9782, 9.3620 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, 178, 152) }
```


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

```
.border{ border-color:rgb(189, 178, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 178, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 178, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 178, 152);  
box-shadow:4px 4px 4px 4px rgb(189, 178,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 178.3250, -12.9782, 9.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 178, 152) }
```

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

```
.background{ background-color: rgb(189,  
178, 152) }
```

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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