

Converting Colors

YUV(187.7470, -9.7353, -4.1631)

Have a look what the booklet for
YUV(187.7470, -9.7353, -4.1631)
contains.

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Color

**YUV(187.7470, -9.7353,
-4.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C2A8
RGB	183, 194, 168
RGB Percent	72%, 76%, 66%
CMY	0.2824, 0.2392, 0.3412
CMYK	0.06, 0.00, 0.13, 0.24
HSL	85°, 18%, 71%
HSV	85°, 13%, 76%
XYZ	45.8881, 51.4780, 44.5635
YIQ	187.7470, 1.7900, -10.4180

Conversions

Conversions Part 2

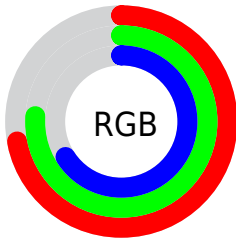
Format	Color
RYB	168, 194, 179
Decimal	12042920
CIELab	76.97, -8.48, 11.80
CIELCh	77, 14.527, 125.702
Yxy	51.4780, 0.3233, 0.3627
Android (android.graphics.Color)	4290233000 (0xFFB7C2A8)
YUV	187.7470, -9.7353, -4.1631
Hunter-Lab	71.7482, -11.3957, 13.3981

Details

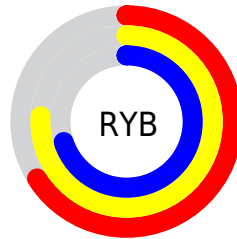
The YUV color **187.7470, -9.7353, -4.1631** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174.2530, 9.7353, 4.1631**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.6330, -10.1721, -4.0631**, and **134.2740, -9.0091, -3.7483** is the 20% darker color. If you saturate the color by 10%, you get **183.1890, -16.8552, -7.1818**, and if you desaturate by 10%, it is **192.3050, -2.6154, -1.1445**.

Distribution



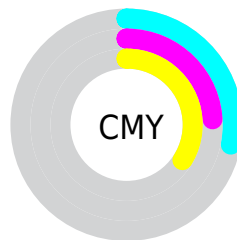
- Red (72%)
- Green (76%)
- Blue (66%)



- Red (66%)
- Yellow (76%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (28%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.7470, -9.7353, -4.1631 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 187.7470, -9.7353, -4.1631 by changing the saturation by 10% instead.

■ 187.7470, -9.7353,
-4.1631

■ 187.7470, -9.7353,
-4.1631

255.0000, 0.0000,
0.0000

■ 160.8610, -9.2985,
-4.2631

■ 243.6330,
-10.1721, -4.0631

■ 134.2740, -9.0091,
-3.7483

■ 254.6580, -1.3104,
0.2999

■ 109.2740, -9.0091,
-3.7483

■ 84.8010, -8.2829,
-3.3335

■ 61.5020, -8.1355,
-3.9483

■ 40.0290, -7.4093,
-3.5334

■ 18.8720, -9.3039,

-2.5187

■ 0.0000, 0.0000,
0.0000

■ 187.7470, -9.7353,
-4.1631

■ 187.7470, -9.7353,
-4.1631

■ 183.1890,
-16.8552, -7.1818

■ 192.3050, -2.6154,
-1.1445

■ 178.5170,
-24.4119, -10.1004

■ 196.9770, 4.9413,
1.7742

■ 173.6600,
-31.3844, -13.7338

■ 201.8340, 11.9138,
5.4076

■ 168.9880,
-38.9411, -16.6525

■ 206.5060, 19.4705,
8.3262

■ 164.4300,
-46.0610, -19.6711

■ 209.9240, 22.2225,
12.3447

■ 159.8720,
-53.1809, -22.6897

■ 212.3160, 21.0432,
17.2629

■ 155.2000,
-60.7376, -25.6084

■ 214.7080, 19.8640,
22.1811

■ 150.3430,
-67.7101, -29.2418

■ 217.3990, 18.5373,
27.7141

■ 147.3660,
-72.6514, -31.0160

■ 219.1930, 17.6529,
31.4027

Harmonies

Analogous

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



189.3140, -12.9728, 7.6176



187.7470, -9.7353, -4.1631



186.2770, -3.5876, -16.0289

Triad

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



187.7470, -9.7353, -4.1631



187.3100, 13.1582, -20.4429



192.8610, -2.3965, 22.0469

Complementary

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



187.7470, -9.7353, -4.1631



174.2530, 9.7353, 4.1631

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.



192.5380, 4.1718, 15.3142



187.7470, -9.7353, -4.1631



189.6750, 12.9782, -9.3620

Square

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



187.7470, -9.7353, -4.1631



185.6530, 9.5381, -26.0057



191.9540, 9.8827, 3.5483



191.9660, -8.3642, 22.8318

Rectangle

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



187.7470, -9.7353, -4.1631



185.6830, 0.6493, -21.6470



191.9540, 9.8827, 3.5483



192.7190, -0.3545, 20.4174

Sweetspot

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



187.7470, -9.7353, -4.1631



249.6640, -3.7784, -1.4593



182.2310, -7.0159, 10.3214



126.3050, -2.6154, -1.1445



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.



187.7470, -9.7353, -4.1631



242.3570, -14.9660, -6.4521



183.8600, -7.8190, -12.1552



94.6640, -3.7784, -1.4593



122.3140, -60.3008, -25.7084



25.0520, -12.3506, -5.3076

Inverse Universe

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



174.2530, 9.7353, 4.1631



221.6430, 14.9660, 6.4521



178.1400, 7.8190, 12.1552



89.3360, 3.7784, 1.4593



38.6860, 60.3008, 25.7084



7.9480, 12.3506, 5.3076

Previews

White Background



This preview shows how the YUV color 187.7470, -9.7353, -4.1631 looks on a white background.

Color Contrast Check

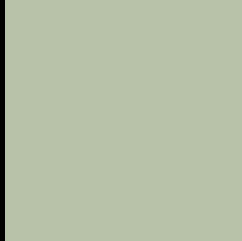
Large Text (above 18pt) WCAG AA × Fail

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 187.7470, -9.7353, -4.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

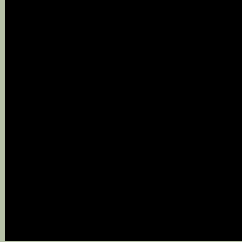
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

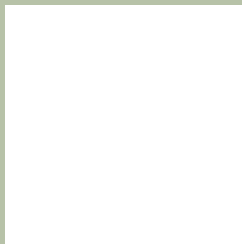
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.7470, -9.7353, -4.1631

Background



This preview shows how black text looks on a background with the YUV color 187.7470, -9.7353, -4.1631.



This preview shows how white text looks on a background with the YUV color 187.7470, -9.7353, -4.1631.

-4.1631.

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

187.7470, -9.7353, -4.1631

Protanopia

189.3680, -11.5204, 8.4473

Deuteranopia

191.0860, -10.3954, 20.9726



Tritanopia

190.4110, 6.6994, -2.1144

Trichromacy



Original Color

187.7470, -9.7353, -4.1631

Protanomaly

188.8620, -10.7780, 3.6290

Deuteranomaly

189.7320, -10.2209, 11.6360

Tritanomaly

189.5050, 0.7370, -3.0739

Monochromacy



Original Color

187.7470, -9.7353, -4.1631

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7780, -3.3416, -1.5593

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.7470, -9.7353, -4.1631 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(183, 194, 168)` looks like.

```
.text, #text, p{  
    color:rgb(183, 194, 168)  
}
```

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(183, 194, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 194, 168) }
```

Border

The CSS property to change the border of an element to YUV 187.7470, -9.7353, -4.1631 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(183, 194, 168) }
```


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

```
.border{ border-color:rgb(183, 194, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 194, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 194, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 194, 168); box-shadow:4px 4px 4px 4px rgb(183, 194, 168) }
```

Background

The CSS property to change the background color of an element to YUV 187.7470, -9.7353, -4.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 194, 168) }
```

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

```
.background{ background-color: rgb(183,  
194, 168) }
```

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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