

Converting Colors

YUV(190.0370, -9.3852,
23.6466)

Have a look what the booklet for
YUV(190.0370, -9.3852, 23.6466)
contains.

YUV(190.0370, -9.3852, 23.6466)	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(190.0370, -9.3852,
23.6466)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B4AB
RGB	217, 180, 171
RGB Percent	85%, 71%, 67%
CMY	0.1490, 0.2941, 0.3294
CMYK	0.00, 0.17, 0.21, 0.15
HSL	12°, 38%, 76%
HSV	12°, 21%, 85%
XYZ	52.2872, 50.3345, 45.4878
YIQ	190.0370, 24.9410, 5.0450

Conversions

Conversions Part 2

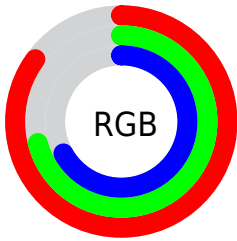
Format	Color
RYB	217, 182, 171
Decimal	14267563
CIELab	76.27, 11.96, 9.58
CIELCh	76, 15.323, 38.707
Yxy	50.3345, 0.3530, 0.3398
Android (android.graphics.Color)	4292457643 (0xFFD9B4AB)
YUV	190.0370, -9.3852, 23.6466
Hunter-Lab	70.9468, 7.3961, 11.6488

Details

The YUV color $190.0370, -9.3852, 23.6466$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $197.9630, 9.3852, -23.6466$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.5410, -7.1687, 12.6805$, and $136.5530, -8.6536, 22.3170$ is the 20% darker color. If you saturate the color by 10%, you get $177.5500, -14.0751, 34.5977$, and if you desaturate by 10%, it is $202.5240, -4.6953, 12.6955$.

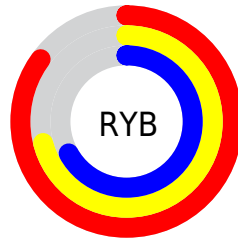
Distribution



Red (85%)

Green (71%)

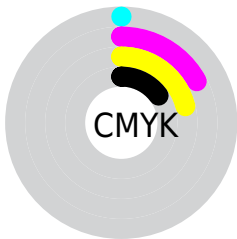
Blue (67%)



Red (85%)

Yellow (71%)

Blue (67%)

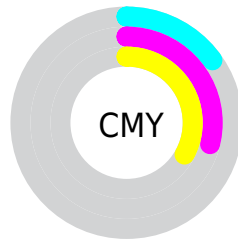


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (15%)



Cyan (15%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.0370, -9.3852, 23.6466 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 190.0370, -9.3852, 23.6466 by changing the saturation by 10% instead.

 190.0370, -9.3852,
23.6466

 190.0370, -9.3852,
23.6466


255.0000, 0.0000,
0.0000


 162.7380, -9.2378,
23.0318


 240.5410, -7.1687,
12.6805

 136.5530, -8.6536,
22.3170

 110.9550, -8.3588,
21.0875

 86.4710, -7.6272,
19.7579

 62.8730, -7.3324,
18.5284

 40.3890, -6.6008,
17.1988

 18.7050, -9.2216,

17.7987

■ 0.0000, 0.0000,
0.0000

■ 190.0370, -9.3852,
23.6466

■ 190.0370, -9.3852,
23.6466

■ 177.5500,
-14.0751, 34.5977

■ 202.5240, -4.6953,
12.6955

■ 164.5900,
-18.0389, 45.9636

■ 215.4840, -0.7316,
1.3295

■ 152.1030,
-22.7288, 56.9147

■ 227.9710, 3.9583,
-9.6216

■ 139.0290,
-27.1293, 68.3806

■ 240.7030, 7.0484,
-20.7875

■ 126.6560,
-31.3824, 79.2317

■ 243.6380, 5.6015,
-23.3615

■ 113.5820,
-35.7829, 90.6976

■ 101.0950,
-40.4728, 101.6487

■ 89.5370, -44.1417,
111.7851

Harmonies

Analogous

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



190.6440, -3.2755, 23.9912



190.0370, -9.3852, 23.6466



188.9670, -13.2947, 17.5689

Triad

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



190.0370, -9.3852, 23.6466



184.2660, -3.5821, -17.7733



188.2020, 13.7044, -8.9472

Complementary

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



190.0370, -9.3852, 23.6466



197.9630, 9.3852, -23.6466

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.



185.2390, 14.1792, -21.2576



190.0370, -9.3852, 23.6466



183.2740, 4.3019, -26.5503

Square

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



190.0370, -9.3852, 23.6466



185.7360, -9.7298, -5.9075



183.2830, 10.7065, -27.4352



189.9650, 9.8773, 5.2927

Rectangle

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



190.0370, -9.3852, 23.6466



187.8090, -13.7098, 10.6915



183.2830, 10.7065, -27.4352



186.9950, 14.2995, -13.1506

Sweetspot

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



190.0370, -9.3852, 23.6466



246.2460, -3.0793, 7.6773



189.0860, 9.8176, 24.4806



122.2780, -1.6161, 5.0182



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.



190.0370, -9.3852, 23.6466



217.7670, -13.1961, 32.6533



202.9510, -15.7518, 12.3210



103.4630, -2.2003, 5.7329



71.6850, -35.3407, 88.8533



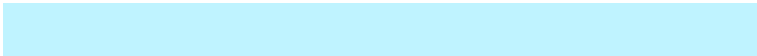
19.0370, -9.3852, 23.6466

Inverse Universe

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



197.9630, 9.3852, -23.6466



228.8200, 12.9067, -33.1681



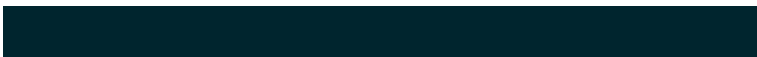
185.0490, 15.7518, -12.3210



105.5370, 2.2003, -5.7329



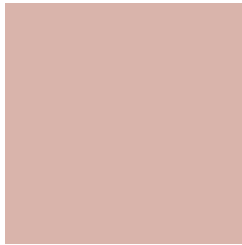
101.3150, 35.3407, -88.8533



26.9630, 9.3852, -23.6466

Previews

White Background



This preview shows how the YUV color 190.0370, -9.3852, 23.6466 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 190.0370, -9.3852, 23.6466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

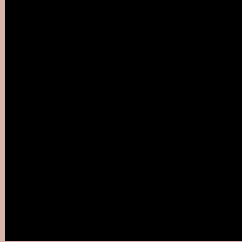
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.0370, -9.3852, 23.6466

Background



This preview shows how black text looks on a background with the YUV color 190.0370, -9.3852, 23.6466.



This preview shows how white text looks on a background with the YUV color 190.0370, -9.3852,

23.6466.

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

190.0370, -9.3852, 23.6466

Protanopia

188.6110, -6.7102, 5.6032

Deuteranopia

190.0150, -9.3744, 20.1578



Tritanopia

191.1540, -0.0759, 24.4209

Trichromacy



Original Color

190.0370, -9.3852, 23.6466

Protanomaly

189.1280, -7.4581, 12.1657

Deuteranomaly

189.7270, -9.2324, 21.2874

Tritanomaly

190.6440, -3.2755, 23.9912

Monochromacy



Original Color

190.0370, -9.3852, 23.6466

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.8440, -3.3741, 8.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.0370, -9.3852, 23.6466 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(217, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(217, 180, 171)  
}
```

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(217, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 180, 171) }
```

Border

The CSS property to change the border of an element to YUV 190.0370, -9.3852, 23.6466 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(217, 180, 171) }
```


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

```
.border{ border-color:rgb(217, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(217, 180,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 190.0370, -9.3852, 23.6466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 180, 171) }
```

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

```
.background{ background-color: rgb(217,  
180, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor