

Converting Colors

YUV(191.6490, -24.4770,
10.8318)

Have a look what the booklet for
YUV(191.6490, -24.4770, 10.8318)
contains.

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Color

**YUV(191.6490, -24.4770,
10.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC38E
RGB	204, 195, 142
RGB Percent	80%, 76%, 56%
CMY	0.2000, 0.2353, 0.4431
CMYK	0.00, 0.04, 0.30, 0.20
HSL	51°, 38%, 68%
HSV	51°, 30%, 80%
XYZ	49.2994, 53.8206, 33.3812
YIQ	191.6490, 22.3770, -14.5750

Conversions

Conversions Part 2

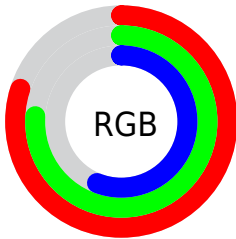
Format	Color
RYB	153, 204, 142
Decimal	13419406
CIELab	78.36, -4.98, 27.83
CIELCh	78, 28.268, 100.142
Yxy	53.8206, 0.3612, 0.3943
Android (android.graphics.Color)	4291609486 (0xFFCCC38E)
YUV	191.6490, -24.4770, 10.8318
Hunter-Lab	73.3625, -8.4328, 24.3758

Details

The YUV color **191.6490, -24.4770, 10.8318** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **154.3510, 24.4770, -10.8318**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.9260, -24.6135, 7.9579**, and **137.6920, -23.0192, 9.9171** is the 20% darker color. If you saturate the color by 10%, you get **187.6080, -32.3447, 14.3758**, and if you desaturate by 10%, it is **195.6900, -16.6092, 7.2879**.

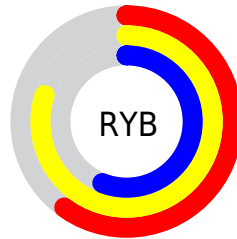
Distribution



Red (80%)

Green (76%)

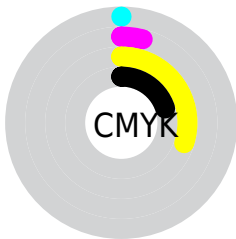
Blue (56%)



Red (60%)

Yellow (80%)

Blue (56%)

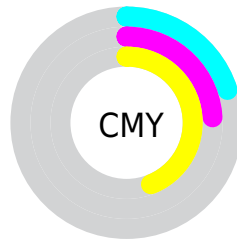


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.6490, -24.4770, 10.8318 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 191.6490, -24.4770, 10.8318 by changing the saturation by 10% instead.

■ 191.6490,
-24.4770, 10.8318

■ 191.6490,
-24.4770, 10.8318

■ 255.0000, 0.0000,
0.0000

■ 164.4640,
-23.8928, 10.1171

■ 245.9260,
-24.6135, 7.9579

■ 137.6920,
-23.0192, 9.9171

■ 251.4660,
-13.5407, 3.0993

■ 112.5070,
-22.4350, 9.2024

■ 254.7720, -0.8736,
0.2000

■ 87.4360, -21.4139,
8.3876

■ 63.9520, -20.6823,
7.0581

■ 41.6530, -20.5349,
6.4433

■ 22.4490, -11.0674,

3.1142

■ 0.0000, 0.0000,
0.0000

■ 191.6490,
-24.4770, 10.8318

■ 191.6490,
-24.4770, 10.8318

■ 187.6080,
-32.3447, 14.3758

■ 195.6900,
-16.6092, 7.2879

■ 183.4530,
-40.6493, 18.0197

■ 199.8450, -8.3046,
3.6439

■ 179.4120,
-48.5171, 21.5637

■ 203.8860, -0.4368,
0.1000

■ 175.2570,
-56.8217, 25.2076

■ 208.0410, 7.8678,
-3.5440

■ 171.2160,
-64.6895, 28.7516

■ 212.0820, 15.7356,
-7.0879

■ 167.1750,
-72.5573, 32.2955

■ 215.0970, 19.6722,
-9.7321

■ 163.1340,
-80.4251, 35.8395

■ 216.8580, 18.8040,
-11.2765

■ 218.6190, 17.9358,
-12.8209

■ 220.3800, 17.0677,
-14.3653

Harmonies

Analogous

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



193.8840, -24.0998, 29.9197



191.6490, -24.4770, 10.8318



188.3410, -17.4231, -11.7001

Triad

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



191.6490, -24.4770, 10.8318



182.3700, 22.0026, -57.3295



198.3320, 6.7383, 32.1578

Complementary

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



191.6490, -24.4770, 10.8318



154.3510, 24.4770, -10.8318

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.



197.1750, 18.1547, 10.3705



191.6490, -24.4770, 10.8318



186.9510, 27.6322, -42.9300

Square

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



191.6490, -24.4770, 10.8318



182.1890, 9.7668, -52.7858



193.2470, 25.5142, -16.8796



197.7820, -5.8085, 43.1642

Rectangle

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



191.6490, -24.4770, 10.8318



186.3050, -9.5174, -27.4545



193.2470, 25.5142, -16.8796



198.3250, 10.6858, 26.0250

Sweetspot

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



191.6490, -24.4770, 10.8318



250.6170, -9.1782, 3.8439



161.5640, -5.2081, 37.2164



124.5290, -5.6838, 3.0441



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.



191.6490, -24.4770, 10.8318



236.8810, -36.4233, 15.8904



190.3540, -23.8385, -7.3265



100.2730, -4.0786, 1.5146



132.9880, -65.5631, 28.9515



30.7330, -15.1514, 6.3732

Inverse Universe

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



154.3510, 24.4770, -10.8318



181.7060, 36.1339, -16.4052



155.6460, 23.8385, 7.3265



93.7270, 4.0786, -1.5146



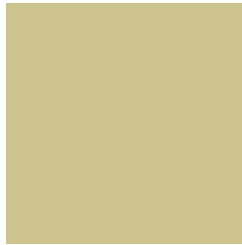
33.0120, 65.5631, -28.9515



7.8540, 14.8620, -6.8880

Previews

White Background



This preview shows how the YUV color 191.6490, -24.4770, 10.8318 looks on a white background.

Color Contrast Check

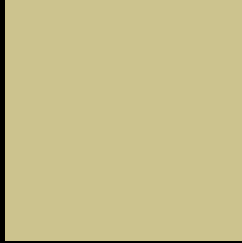
Large Text (above 18pt) WCAG AA × Fail

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 191.6490, -24.4770, 10.8318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

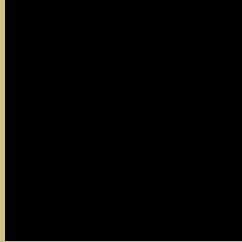
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.6490, -24.4770, 10.8318

Background



This preview shows how black text looks on a background with the YUV color 191.6490, -24.4770, 10.8318.

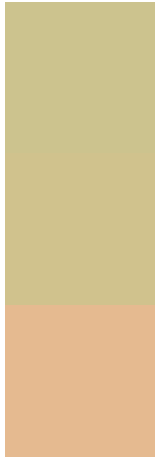


This preview shows how white text looks on a background with the YUV color 191.6490, -24.4770, 10.8318.

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

191.6490, -24.4770, 10.8318

Protanopia

192.1440, -25.2140, 13.9057

Deuteranopia

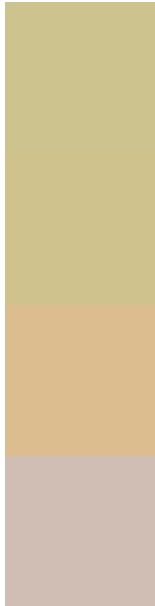
194.0690, -24.6840, 30.6345



Tritanopia

195.8860, 3.0142, 13.2550

Trichromacy



Original Color

191.6490, -24.4770, 10.8318

Protanomaly

191.8450, -25.0666, 13.2909

Deuteranomaly

193.0250, -24.6623, 23.6571

Tritanomaly

194.2420, -7.0213, 12.0658

Monochromacy



Original Color

191.6490, -24.4770, 10.8318

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.7310, -8.7414, 3.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.6490, -24.4770, 10.8318 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(204, 195, 142)` looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 142)  
}
```

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(204, 195, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 142) }
```

Border

The CSS property to change the border of an element to YUV 191.6490, -24.4770, 10.8318 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(204, 195, 142) }
```


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

```
.border{ border-color:rgb(204, 195, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 142);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 191.6490, -24.4770, 10.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 142) }
```

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

```
.background{ background-color: rgb(204,  
195, 142) }
```

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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