

Converting Colors

YUV(196.4470, -24.8704,
-3.0230)

Have a look what the booklet for
YUV(196.4470, -24.8704, -3.0230)
contains.

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Color

**YUV(196.4470, -24.8704,
-3.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D092
RGB	193, 208, 146
RGB Percent	76%, 82%, 57%
CMY	0.2431, 0.1843, 0.4275
CMYK	0.07, 0.00, 0.30, 0.18
HSL	75°, 40%, 69%
HSV	75°, 30%, 82%
XYZ	49.7365, 58.5245, 35.8691
YIQ	196.4470, 10.9620, -22.4620

Conversions

Conversions Part 2

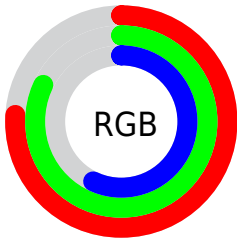
Format	Color
RYB	146, 208, 161
Decimal	12701842
CIELab	81.03, -15.31, 29.16
CIELCh	81, 32.940, 117.704
Yxy	58.5245, 0.3451, 0.4061
Android (android.graphics.Color)	4290891922 (0xFFC1D092)
YUV	196.4470, -24.8704, -3.0230
Hunter-Lab	76.5013, -17.8275, 25.7517

Details

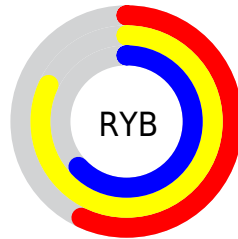
The YUV color $196.4470, -24.8704, -3.0230$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $157.5530, 24.8704, 3.0230$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.2350, -23.2869, 2.4249$, and $142.7890, -23.5600, -3.3230$ is the 20% darker color. If you saturate the color by 10%, you get $192.5580, -33.3061, -3.9974$, and if you desaturate by 10%, it is $200.3360, -16.4346, -2.0487$.

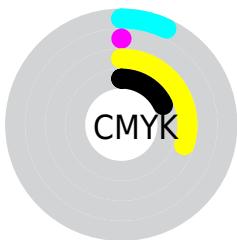
Distribution



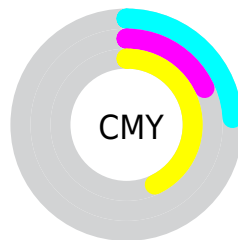
- Red (76%)
- Green (82%)
- Blue (57%)



- Red (57%)
- Yellow (82%)
- Blue (63%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4470, -24.8704, -3.0230 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 196.4470, -24.8704, -3.0230 by changing the saturation by 10% instead.

■ 196.4470,
-24.8704, -3.0230

■ 196.4470,
-24.8704, -3.0230

255.0000, 0.0000,
0.0000

■ 168.9740,
-24.1442, -2.6082

■ 247.2350,
-23.2869, 2.4249

■ 142.7890,
-23.5600, -3.3230

■ 252.0360,
-11.3567, 2.5994

■ 116.9030,
-23.1232, -3.4229

■ 92.1310, -22.2496,
-3.6229

■ 67.9460, -21.6654,
-4.3376

■ 44.8320, -22.1022,
-4.2377

■ 25.3400, -12.4926,

-6.4372

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 196.4470,
-24.8704, -3.0230

■ 196.4470,
-24.8704, -3.0230

■ 192.5580,
-33.3061, -3.9974

■ 200.3360,
-16.4346, -2.0487

■ 188.6690,
-41.7418, -4.9717

■ 204.2250, -7.9989,
-1.0743

■ 184.8940,
-49.7407, -6.0460

■ 208.0000, 0.0000,
0.0000

■ 181.0050,
-58.1765, -7.0204

■ 211.8890, 8.4357,
0.9743

■ 177.1160,
-66.6122, -7.9947

■ 215.7780, 16.8714,
1.9487

■ 173.2270,
-75.0479, -8.9691

■ 217.8430, 18.3184,
4.5227

■ 169.3380,
-83.4836, -9.9434

■ 219.3380, 17.5814,
7.5966

■ 220.8330, 16.8443,
10.6705

■ 222.3280, 16.1073,
13.7443

Harmonies

Analogous

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



199.4610, -29.3143, 22.3977



196.4470, -24.8704, -3.0230



192.1860, -12.4167, -30.8581

Triad

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



196.4470, -24.8704, -3.0230



189.0410, 31.0388, -62.3030



204.6880, 0.1538, 44.1236

Complementary

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



196.4470, -24.8704, -3.0230



157.5530, 24.8704, 3.0230

Split Complementary

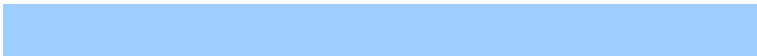
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



205.9600, 14.3167, 28.0991



196.4470, -24.8704, -3.0230



196.6470, 28.7680, -33.8934

Square

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



196.4470, -24.8704, -3.0230



185.1680, 21.6092, -71.1843



203.3460, 25.4654, -1.1804



201.7410, -13.6763, 46.7081

Rectangle

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



196.4470, -24.8704, -3.0230



188.7630, -0.8692, -48.0272



203.3460, 25.4654, -1.1804



206.1160, 4.3798, 41.9943

Sweetspot

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



196.4470, -24.8704, -3.0230



250.5840, -9.1619, -1.3892



172.7560, -13.1907, 30.9090



125.0940, -5.9623, -0.9594



0.0000, 0.0000, 0.0000



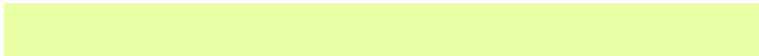
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



196.4470, -24.8704, -3.0230



237.9340, -36.9425, -4.3271



187.4770, -20.4482, -21.4663



102.8490, -4.3626, -0.7446



136.8880, -67.4858, -7.7948



33.3360, -16.4346, -2.0487

Inverse Universe

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



157.5530, 24.8704, 3.0230



180.0660, 36.9425, 4.3271



166.5230, 20.4482, 21.4663



96.1510, 4.3626, 0.7446



31.4110, 67.3384, 8.4096



7.6640, 16.4346, 2.0487

Previews

White Background



This preview shows how the YUV color 196.4470, -24.8704, -3.0230 looks on a white background.

Color Contrast Check

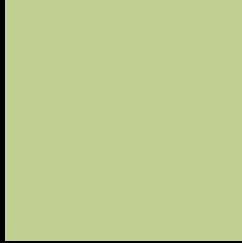
Large Text (above 18pt) WCAG AA × Fail

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 196.4470, -24.8704, -3.0230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

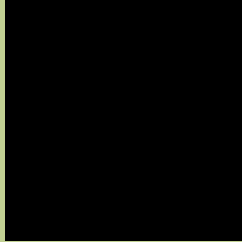
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

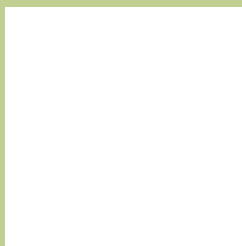
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.4470, -24.8704, -3.0230

Background



This preview shows how black text looks on a background with the YUV color 196.4470, -24.8704, -3.0230.



This preview shows how white text looks on a background with the YUV color 196.4470, -24.8704, -3.0230.

-3.0230.

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

196.4470, -24.8704, -3.0230

Protanopia

199.1720, -27.6928, 15.6352

Deuteranopia

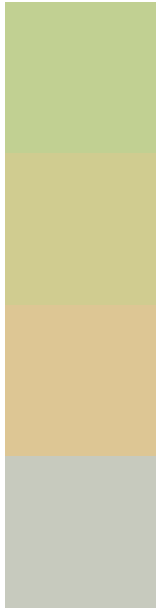
201.1400, -25.7050, 31.4492



Tritanopia

201.7210, 6.5465, 0.2447

Trichromacy



Original Color

196.4470, -24.8704, -3.0230

Protanomaly

198.3560, -26.7975, 8.4578

Deuteranomaly

199.1770, -25.2303, 19.1388

Tritanomaly

199.7350, -4.7994, -0.6446

Monochromacy



Original Color

196.4470, -24.8704, -3.0230

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9970, -8.8725, -0.8744

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4470, -24.8704, -3.0230 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(193, 208, 146)` looks like.

```
.text, #text, p{  
    color:rgb(193, 208, 146)  
}
```

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(193, 208, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 208, 146) }
```

Border

The CSS property to change the border of an element to YUV 196.4470, -24.8704, -3.0230 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(193, 208, 146) }
```


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

```
.border{ border-color:rgb(193, 208, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 208, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 208, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 208, 146);  
box-shadow:4px 4px 4px 4px rgb(193, 208,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 196.4470, -24.8704, -3.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 208, 146) }
```

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

```
.background{ background-color: rgb(193,  
208, 146) }
```

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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