

Converting Colors

YUV(199.9240, -31.5145,
28.1307)

Have a look what the booklet for
YUV(199.9240, -31.5145, 28.1307)
contains.

YUV(199.9240, -31.5145, 28.1307)	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(199.9240, -31.5145,
28.1307)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C488
RGB	232, 196, 136
RGB Percent	91%, 77%, 53%
CMY	0.0902, 0.2314, 0.4667
CMYK	0.00, 0.16, 0.41, 0.09
HSL	38°, 68%, 72%
HSV	38°, 41%, 91%
XYZ	57.4626, 58.4132, 31.5388
YIQ	199.9240, 40.7160, -11.0280

Conversions

Conversions Part 2

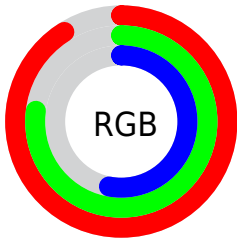
Format	Color
RYB	194, 232, 136
Decimal	15254664
CIELab	80.97, 4.82, 34.86
CIELCh	81, 35.188, 82.129
Yxy	58.4132, 0.3898, 0.3963
Android (android.graphics.Color)	4293444744 (0xFFE8C488)
YUV	199.9240, -31.5145, 28.1307
Hunter-Lab	76.4286, 0.4547, 29.0335

Details

The YUV color $199.9240, -31.5145, 28.1307$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $168.0760, 31.5145, -28.1307$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4160, -27.8131, 7.5282$, and $145.3690, -29.7619, 25.9864$ is the 20% darker color. If you saturate the color by 10%, you get $192.0190, -38.9564, 35.0633$, and if you desaturate by 10%, it is $207.8290, -24.0727, 21.1980$.

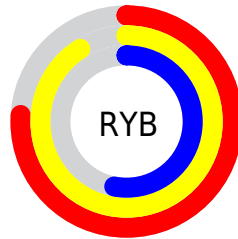
Distribution



Red (91%)

Green (77%)

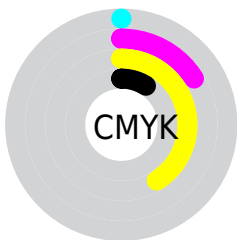
Blue (53%)



Red (76%)

Yellow (91%)

Blue (53%)

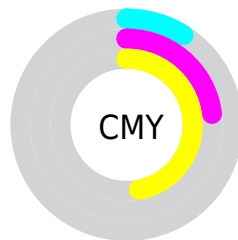


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (9%)



Cyan (9%)

Magenta (23%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.9240, -31.5145, 28.1307 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 199.9240, -31.5145, 28.1307 by changing the saturation by 10% instead.

199.9240,
-31.5145, 28.1307

199.9240,
-31.5145, 28.1307

255.0000, 0.0000,
0.0000

172.4400,
-30.7829, 26.8011

246.4160,
-27.8131, 7.5282

145.3690,
-29.7619, 25.9864

250.7820,
-16.1615, 3.6992

119.5860,
-28.8829, 24.0421

254.0880, -3.4944,
0.7998

94.2160, -27.7145,
22.6126

70.2050, -27.7091,
20.8682

48.2200, -23.7725,
18.2241

28.1190, -13.8627,

13.0506

■ 5.0830, -2.5059,
10.4512

■ 0.0000, 0.0000,
0.0000

■ 199.9240,
-31.5145, 28.1307

■ 199.9240,
-31.5145, 28.1307

■ 192.0190,
-38.9564, 35.0633

■ 207.8290,
-24.0727, 21.1980

■ 184.7010,
-46.6876, 41.4812

■ 215.1470,
-16.3415, 14.7801

■ 176.6820,
-54.5662, 48.5139

■ 223.1660, -8.4628,
7.7474

■ 168.7770,
-62.0081, 55.4466

■ 231.0710, -1.0210,
0.8147

■ 161.4590,
-69.7393, 61.8645

■ 238.9760, 6.4208,
-6.1180

■ 154.4830,
-76.1601, 67.9824

■ 244.0140, 5.4161,
-10.5363

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



201.9400, -25.6064, 46.5336



199.9240, -31.5145, 28.1307



196.8560, -28.5230, 1.8803

Triad

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



199.9240, -31.5145, 28.1307



182.6080, 20.8993, -76.8322



205.8610, 17.8165, 25.5549

Complementary

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



199.9240, -31.5145, 28.1307



168.0760, 31.5145, -28.1307

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.



202.1280, 26.0659, -7.1283



199.9240, -31.5145, 28.1307



185.4310, 32.8185, -73.1690

Square

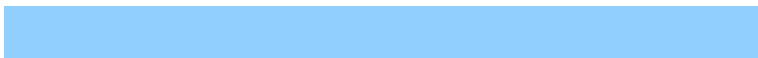
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199.9240, -31.5145, 28.1307



187.1040, 1.9207, -56.2192



193.6350, 30.2529, -43.5299



204.1980, 3.3534, 44.5534

Rectangle

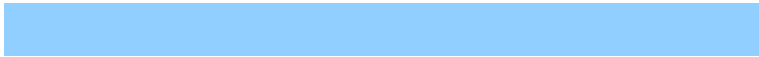
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199.9240, -31.5145, 28.1307



193.6840, -21.0432, -17.2629



193.6350, 30.2529, -43.5299



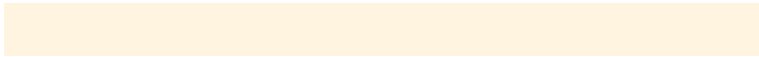
205.2340, 22.0696, 14.7038

Sweetspot

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



199.9240, -31.5145, 28.1307



245.0090, -10.3574, 8.7621



168.9220, 2.0105, 55.3194



121.8390, -5.8366, 5.4032



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.



199.9240, -31.5145, 28.1307



212.3460, -41.5826, 37.4076



217.7670, -40.3111, 2.8353



110.6970, -3.7946, 3.7737



119.2650, -58.7976, 52.3876



34.0330, -16.7783, 14.8801

Inverse Universe

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



168.0760, 31.5145, -28.1307



170.0670, 41.8720, -36.8928



150.2330, 40.3111, -2.8353



107.3030, 3.7946, -3.7737



59.7350, 58.7976, -52.3876



16.9670, 16.7783, -14.8801

Previews

White Background



This preview shows how the YUV color 199.9240, -31.5145, 28.1307 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 199.9240, -31.5145, 28.1307 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 199.9240, -31.5145, 28.1307

Background



This preview shows how black text looks on a background with the YUV color 199.9240, -31.5145, 28.1307.



This preview shows how white text looks on a background with the YUV color 199.9240, -31.5145, 28.1307.

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

199.9240, -31.5145, 28.1307

Protanopia

198.9010, -30.0242, 16.7498

Deuteranopia

200.9680, -31.5362, 35.1081



Tritanopia

204.8450, -1.4026, 29.9539

Trichromacy



Original Color

199.9240, -31.5145, 28.1307

Protanomaly

199.1080, -30.6192, 20.9533

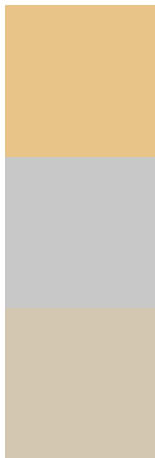
Deuteranomaly

200.6580, -31.3834, 32.7489

Tritanomaly

202.9730, -12.3117, 28.9647

Monochromacy



Original Color

199.9240, -31.5145, 28.1307

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.3790, -11.5258, 10.1916

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9240, -31.5145, 28.1307 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(232, 196, 136)` looks like.

```
.text, #text, p{  
    color:rgb(232, 196, 136)  
}
```

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(232, 196, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 196, 136) }
```

Border

The CSS property to change the border of an element to YUV 199.9240, -31.5145, 28.1307 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(232, 196, 136) }
```


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

```
.border{ border-color:rgb(232, 196, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 196, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 196, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 196, 136);  
box-shadow:4px 4px 4px 4px rgb(232, 196,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 199.9240, -31.5145, 28.1307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 196, 136) }
```

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

```
.background{ background-color: rgb(232,  
196, 136) }
```

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