

Converting Colors

YUV(192.8640, -30.4990,
29.0603)

Have a look what the booklet for
YUV(192.8640, -30.4990, 29.0603)
contains.

YUV(192.8640, -30.4990, 29.0603)	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(192.8640, -30.4990,
29.0603)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BC83
RGB	226, 188, 131
RGB Percent	89%, 74%, 51%
CMY	0.1137, 0.2627, 0.4863
CMYK	0.00, 0.17, 0.42, 0.11
HSL	36°, 62%, 70%
HSV	36°, 42%, 89%
XYZ	53.4440, 53.7739, 29.0353
YIQ	192.8640, 40.9450, -9.6710

Conversions

Conversions Part 2

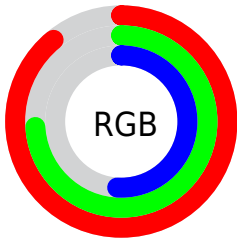
Format	Color
R_{YB}	194, 226, 131
Decimal	14859395
CIE _{Lab}	78.33, 6.10, 33.91
CIE _{LCh}	78, 34.449, 79.808
Yxy	53.7739, 0.3922, 0.3947
Android (android.graphics.Color)	4293049475 (0xFFE2BC83)
YUV	192.8640, -30.4990, 29.0603
Hunter-Lab	73.3307, 1.7635, 27.8556

Details

The YUV color **192.8640, -30.4990, 29.0603** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **164.1360, 30.4990, -29.0603**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.5630, -27.3926, 12.6612**, and **139.0100, -28.5989, 26.3012** is the 20% darker color. If you saturate the color by 10%, you get **184.9590, -37.9408, 35.9930**, and if you desaturate by 10%, it is **200.7690, -23.0571, 22.1276**.

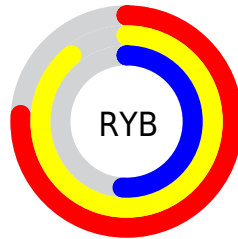
Distribution



Red (89%)

Green (74%)

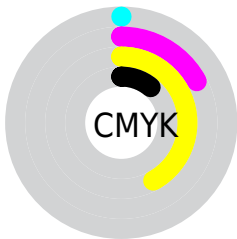
Blue (51%)



Red (76%)

Yellow (89%)

Blue (51%)

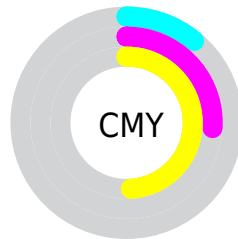


Cyan (0%)

Magenta (17%)

Yellow (42%)

Black (11%)



Cyan (11%)

Magenta (26%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.8640, -30.4990, 29.0603 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 192.8640, -30.4990, 29.0603 by changing the saturation by 10% instead.

■ 192.8640,
-30.4990, 29.0603

■ 192.8640,
-30.4990, 29.0603

■ 255.0000, 0.0000,
0.0000

■ 165.3800,
-29.7673, 27.7307

■ 240.5630,
-27.3926, 12.6612

■ 139.0100,
-28.5989, 26.3012

■ 250.0980,
-18.7823, 4.2991

■ 113.2270,
-27.7199, 24.3569

■ 253.4040, -6.1152,
1.3997

■ 87.8570, -26.5515,
22.9274

■ 63.8460, -26.5461,
21.1831

■ 42.3170, -20.8623,
18.1390

■ 23.1020, -11.3893,

13.0655

■ 0.0000, 0.0000,
0.0000

■ 192.8640,
-30.4990, 29.0603

■ 192.8640,
-30.4990, 29.0603

■ 184.9590,
-37.9408, 35.9930

■ 200.7690,
-23.0571, 22.1276

■ 177.1680,
-44.9458, 42.8257

■ 208.5600,
-16.0521, 15.2949

■ 169.2630,
-52.3877, 49.7583

■ 216.4650, -8.6102,
8.3622

■ 161.4720,
-59.3927, 56.5911

■ 224.2560, -1.6052,
1.5295

■ 153.5670,
-66.8345, 63.5237

■ 232.1610, 5.8366,
-5.4032

■ 147.4060,
-72.6712, 68.9269

■ 238.6980, 8.0369,
-11.1361

■ 243.9810, 5.4324,
-15.7693

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



194.9940, -24.1540, 47.3633



192.8640, -30.4990, 29.0603



189.3940, -27.8022, 4.0395

Triad

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



192.8640, -30.4990, 29.0603



175.4620, 18.9992, -74.0732



198.2520, 18.1168, 22.5810

Complementary

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



192.8640, -30.4990, 29.0603



164.1360, 30.4990, -29.0603

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.



194.6160, 29.2763, -10.1872



192.8640, -30.4990, 29.0603



178.0890, 31.5081, -72.8691

Square

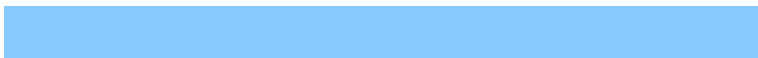
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



192.8640, -30.4990, 29.0603



180.3710, 0.3101, -52.9454



186.8350, 33.6053, -45.4593



198.6110, 3.6428, 45.0682

Rectangle

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



192.8640, -30.4990, 29.0603



186.9940, -21.1960, -14.9037



186.8350, 33.6053, -45.4593



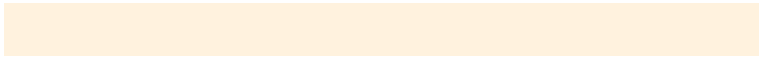
197.9240, 22.2225, 12.3447

Sweetspot

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



192.8640, -30.4990, 29.0603



243.6070, -10.6523, 9.9917



163.7370, 2.5947, 54.6047



120.3230, -6.5682, 6.7327



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.



192.8640, -30.4990, 29.0603



210.5850, -40.7144, 38.9520



212.4790, -40.1691, 3.9649



108.3980, -3.6472, 3.1590



114.8460, -56.6191, 53.6321



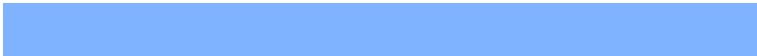
31.3750, -15.4679, 14.5801

Inverse Universe

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



164.1360, 30.4990, -29.0603



172.4150, 40.7144, -38.9520



144.5210, 40.1691, -3.9649



104.6020, 3.6472, -3.1590



61.1540, 56.6191, -53.6321



16.6250, 15.4679, -14.5801

Previews

White Background



This preview shows how the YUV color 192.8640, -30.4990, 29.0603 looks on a white background.

Color Contrast Check

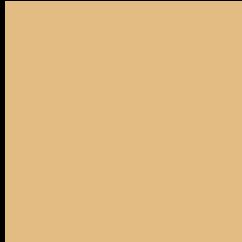
Large Text (above 18pt) WCAG AA × Fail

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 192.8640, -30.4990, 29.0603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

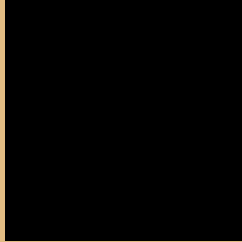
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.8640, -30.4990, 29.0603

Background



This preview shows how black text looks on a background with the YUV color 192.8640, -30.4990, 29.0603.



This preview shows how white text looks on a background with the YUV color 192.8640, -30.4990,

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

192.8640, -30.4990, 29.0603

Protanopia

191.8300, -29.0032, 15.9351

Deuteranopia

193.5980, -30.3678, 33.6786



Tritanopia

197.1440, -1.5500, 30.5687

Trichromacy



Original Color

192.8640, -30.4990, 29.0603

Protanomaly

192.3360, -29.7456, 20.7533

Deuteranomaly

193.5870, -30.3624, 31.9342

Tritanomaly

195.6850, -12.1697, 30.0943

Monochromacy



Original Color

192.8640, -30.4990, 29.0603

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.7920, -11.2365, 10.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.8640, -30.4990, 29.0603 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(226, 188, 131)` looks like.

```
.text, #text, p{  
    color:rgb(226, 188, 131)  
}
```

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(226, 188, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 188, 131) }
```

Border

The CSS property to change the border of an element to YUV 192.8640, -30.4990, 29.0603 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(226, 188, 131) }
```


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

```
.border{ border-color:rgb(226, 188, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 188, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 188, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 188, 131); box-shadow:4px 4px 4px 4px rgb(226, 188, 131) }
```

Background

The CSS property to change the background color of an element to YUV 192.8640, -30.4990, 29.0603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 188, 131) }
```

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

```
.background{ background-color: rgb(226,  
188, 131) }
```

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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