

Converting Colors

YUV(199.5060, -34.2665,
24.1122)

Have a look what the booklet for
YUV(199.5060, -34.2665, 24.1122)
contains.

YUV(199.5060, -34.2665, 24.1122)	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(199.5060, -34.2665,
24.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C782
RGB	227, 199, 130
RGB Percent	89%, 78%, 51%
CMY	0.1098, 0.2196, 0.4902
CMYK	0.00, 0.12, 0.43, 0.11
HSL	43°, 63%, 70%
HSV	43°, 43%, 89%
XYZ	56.1312, 58.7894, 29.5082
YIQ	199.5060, 38.8370, -15.5230

Conversions

Conversions Part 2

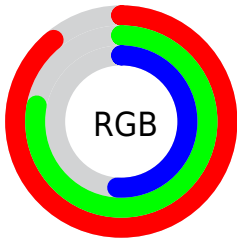
Format	Color
R_{YB}	169, 227, 130
Decimal	14927746
CIE _{Lab}	81.18, 0.63, 38.12
CIE _{LCh}	81, 38.123, 89.049
Yxy	58.7894, 0.3886, 0.4070
Android (android.graphics.Color)	4293117826 (0xFFE3C782)
YUV	199.5060, -34.2665, 24.1122
Hunter-Lab	76.6743, -3.5048, 30.8542

Details

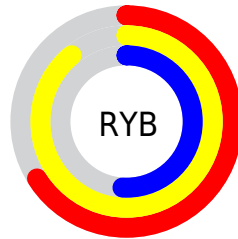
The YUV color **199.5060, -34.2665, 24.1122** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **157.4940, 34.2665, -24.1122**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9060, -31.0127, 7.0984**, and **144.9510, -32.5138, 21.9680** is the 20% darker color. If you saturate the color by 10%, you get **192.7750, -42.2871, 30.0153**, and if you desaturate by 10%, it is **206.2370, -26.2458, 18.2092**.

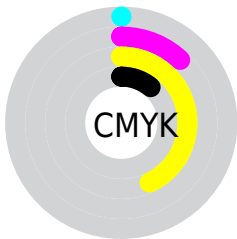
Distribution



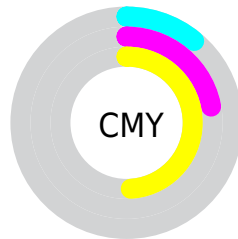
- Red (89%)
- Green (78%)
- Blue (51%)



- Red (66%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5060, -34.2665, 24.1122 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 199.5060, -34.2665, 24.1122 by changing the saturation by 10% instead.

■ 199.5060,
-34.2665, 24.1122

■ 199.5060,
-34.2665, 24.1122

255.0000, 0.0000,
0.0000

■ 172.0220,
-33.5348, 22.7827

■ 246.9060,
-31.0127, 7.0984

■ 144.9510,
-32.5138, 21.9680

■ 250.0980,
-18.7823, 4.2991

■ 119.1680,
-31.6348, 20.0237

■ 253.2900, -6.5520,
1.4997

■ 93.6840, -30.9032,
18.6941

■ 69.4450, -31.7714,
17.1497

■ 47.8990, -23.6142,
14.1206

■ 28.6840, -14.1412,

9.0471

■ 4.7400, -2.3368,
2.8590

■ 0.0000, 0.0000,
0.0000

■ 199.5060,
-34.2665, 24.1122

■ 199.5060,
-34.2665, 24.1122

■ 192.7750,
-42.2871, 30.0153

■ 206.2370,
-26.2458, 18.2092

■ 186.7450,
-50.1603, 35.3036

■ 212.2670,
-18.3726, 12.9208

■ 180.0140,
-58.1809, 41.2067

■ 218.9980,
-10.3520, 7.0178

■ 173.8700,
-66.4909, 46.5950

■ 225.1420, -2.0420,
1.6295

167.2530,
-74.0747, 52.3981

231.7590, 5.5418,
-4.1736

162.3800,
-80.0533, 56.6717

236.6490, 9.0470,
-8.4622

240.7580, 7.0213,
-12.0658

244.2800, 5.2850,
-15.1546

246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



202.2020, -29.6796, 46.3038



199.5060, -34.2665, 24.1122



195.8120, -28.5013, -5.0971

Triad

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



199.5060, -34.2665, 24.1122



178.3550, 27.9260, -90.6423



207.0470, 15.7528, 34.1618

Complementary

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



199.5060, -34.2665, 24.1122



157.4940, 34.2665, -24.1122

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.



203.6560, 25.3126, 1.1787



199.5060, -34.2665, 24.1122



184.2780, 34.8659, -76.5428

Square

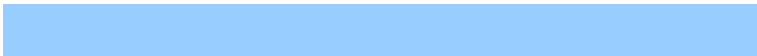
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199.5060, -34.2665, 24.1122



183.8080, 7.4897, -69.1146



194.5540, 29.7999, -38.1969



202.2260, 0.8746, 46.2828

Rectangle

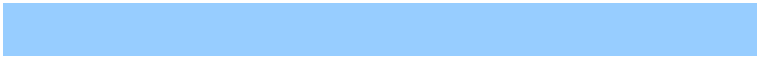
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199.5060, -34.2665, 24.1122



192.1990, -18.8321, -26.4845



194.5540, 29.7999, -38.1969



206.3600, 21.0215, 24.2403

Sweetspot

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



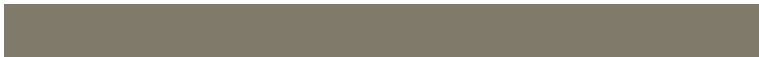
199.5060, -34.2665, 24.1122



245.3680, -11.5204, 8.4473



162.3090, -1.6313, 56.7340



122.0840, -7.4364, 5.1883



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.



199.5060, -34.2665, 24.1122



217.8740, -45.7869, 32.5595



210.2610, -39.5687, -1.9829



111.2840, -4.0840, 3.2589



128.0700, -63.1385, 44.6656



36.3810, -17.9358, 12.8209

Inverse Universe

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



157.4940, 34.2665, -24.1122



161.5390, 46.0763, -32.0447



146.7390, 39.5687, 1.9829



106.7160, 4.0840, -3.2589



50.9300, 63.1385, -44.6656



14.6190, 17.9358, -12.8209

Previews

White Background



This preview shows how the YUV color 199.5060, -34.2665, 24.1122 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 199.5060, -34.2665, 24.1122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

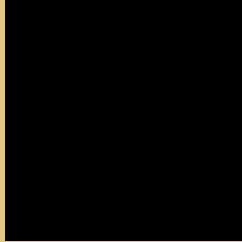
Any Text WCAG AA ✓ Pass

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 199.5060, -34.2665, 24.1122 Background



This preview shows how black text looks on a background with the YUV color 199.5060, -34.2665, 24.1122.

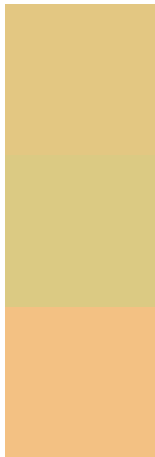


This preview shows how white text looks on a background with the YUV color 199.5060, -34.2665, 24.1122.

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

199.5060, -34.2665, 24.1122

Protanopia

198.9890, -33.5186, 17.5496

Deuteranopia

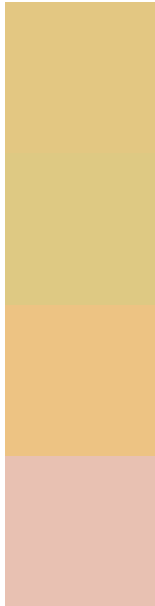
200.8820, -34.4518, 36.9375



Tritanopia

205.1650, -0.0813, 26.1653

Trichromacy



Original Color

199.5060, -34.2665, 24.1122

Protanomaly

199.2990, -33.6714, 19.9088

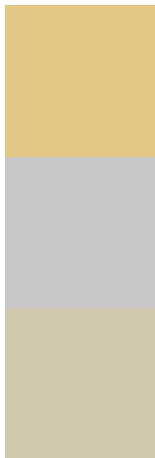
Deuteranomaly

200.2620, -34.1462, 32.2192

Tritanomaly

202.9510, -12.3008, 25.4760

Monochromacy



Original Color

199.5060, -34.2665, 24.1122

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.1400, -12.3940, 8.6472

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5060, -34.2665, 24.1122 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(227, 199, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 199, 130)  
}
```

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(227, 199, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 199, 130) }
```

Border

The CSS property to change the border of an element to YUV 199.5060, -34.2665, 24.1122 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(227, 199, 130) }
```


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

```
.border{ border-color:rgb(227, 199, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 199, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 199, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 199, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 199,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 199.5060, -34.2665, 24.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 199, 130) }
```

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

```
.background{ background-color: rgb(227,  
199, 130) }
```

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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