

Converting Colors

YUV(212.9240, -34.9655,
14.9757)

Have a look what the booklet for
YUV(212.9240, -34.9655, 14.9757)
contains.

YUV(212.9240, -34.9655, 14.9757)	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(212.9240, -34.9655,
14.9757)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DA8E
RGB	230, 218, 142
RGB Percent	90%, 85%, 56%
CMY	0.0980, 0.1451, 0.4431
CMYK	0.00, 0.05, 0.38, 0.10
HSL	52°, 64%, 73%
HSV	52°, 38%, 90%
XYZ	62.5870, 68.9188, 35.5952
YIQ	212.9240, 31.5480, -21.0920

Conversions

Conversions Part 2

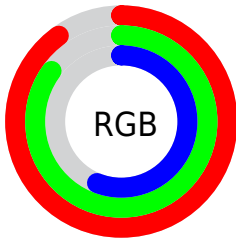
Format	Color
R_{YB}	156, 230, 142
Decimal	15129230
CIE _{Lab}	86.46, -6.66, 38.89
CIE _{LCh}	86, 39.452, 99.716
Yxy	68.9188, 0.3745, 0.4124
Android (android.graphics.Color)	4293319310 (0xFFE6DA8E)
YUV	212.9240, -34.9655, 14.9757
Hunter-Lab	83.0173, -10.7087, 32.6905

Details

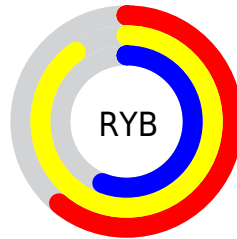
The YUV color $212.9240, -34.9655, 14.9757$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $159.0760, 34.9655, -14.9757$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.3880, -25.3343, 5.7987$, and $157.6680, -33.3603, 13.4462$ is the 20% darker color. If you saturate the color by 10%, you get $208.5410, -44.1437, 18.8195$, and if you desaturate by 10%, it is $217.3070, -25.7874, 11.1318$.

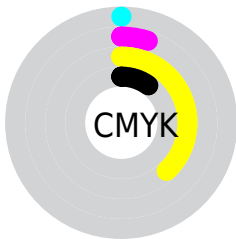
Distribution



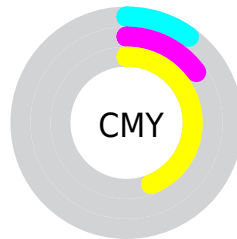
- Red (90%)
- Green (85%)
- Blue (56%)



- Red (61%)
- Yellow (90%)
- Blue (56%)



- Cyan (0%)
- Magenta (5%)
- Yellow (38%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9240, -34.9655, 14.9757 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 212.9240, -34.9655, 14.9757 by changing the saturation by 10% instead.

■ 212.9240,
-34.9655, 14.9757

■ 212.9240,
-34.9655, 14.9757

255.0000, 0.0000,
0.0000

■ 184.8530,
-33.9445, 14.1609

■ 248.3880,
-25.3343, 5.7987

■ 157.6680,
-33.3603, 13.4462

■ 251.5800,
-13.1039, 2.9993

■ 131.5970,
-32.3393, 12.6314

254.8860, -0.4368,
0.1000

■ 106.1130,
-31.6077, 11.3019

■ 80.7000, -31.8971,
10.7871

■ 57.9000, -28.5447,
8.8577

■ 38.0980, -18.7823,

4.2991

■ 18.5840, -9.1619,
-1.3892

■ 0.0000, 0.0000,
0.0000

■ 212.9240,
-34.9655, 14.9757

■ 212.9240,
-34.9655, 14.9757

■ 208.5410,
-44.1437, 18.8195

■ 217.3070,
-25.7874, 11.1318

■ 204.1580,
-53.3219, 22.6634

■ 221.6900,
-16.6092, 7.2879

■ 199.7750,
-62.5001, 26.5073

■ 226.0730, -7.4310,
3.4440

■ 194.8050,
-71.3889, 30.8660

■ 231.0430, 1.4578,
-0.9147

■ 190.4220,
-80.5670, 34.7099

■ 235.1980, 9.7624,
-4.5586

■ 186.0390,
-89.7452, 38.5538

■ 236.9590, 8.8942,
-6.1030

■ 185.5830,
-91.4924, 38.9537

■ 238.7200, 8.0260,
-7.6474

■ 240.4810, 7.1579,
-9.1918

■ 242.2420, 6.2897,
-10.7362

Harmonies

Analogous

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



213.3380, -32.7046, 36.5376



212.9240, -34.9655, 14.9757



208.3590, -24.8270, -16.9778

Triad

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



212.9240, -34.9655, 14.9757



192.7400, 30.6942, -91.8570



216.0640, 13.2794, 34.1469

Complementary

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



212.9240, -34.9655, 14.9757



159.0760, 34.9655, -14.9757

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.



218.5070, 17.9910, 16.2184



212.9240, -34.9655, 14.9757



199.9930, 27.1185, -64.8919

Square

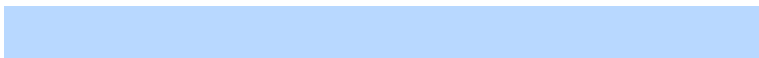
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.9240, -34.9655, 14.9757



195.6090, 15.9688, -82.0951



210.8780, 21.7521, -23.5720



209.9710, -2.4507, 39.4904

Rectangle

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



212.9240, -34.9655, 14.9757



204.4900, -13.5526, -39.8947



210.8780, 21.7521, -23.5720



219.1930, 17.6529, 31.4027

Sweetspot

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



212.9240, -34.9655, 14.9757



249.4600, -11.0728, 4.8586



169.7940, -7.2934, 52.8007



124.3010, -6.5574, 3.2440



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.



212.9240, -34.9655, 14.9757



232.2700, -46.4751, 19.9342



210.6990, -33.8686, -10.2600



112.4580, -4.6628, 2.2293



143.9190, -70.9521, 30.7660



41.0770, -20.2510, 8.7025

Inverse Universe

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



159.0760, 34.9655, -14.9757



160.7300, 46.4751, -19.9342



161.3010, 33.8686, 10.2600



105.5420, 4.6628, -2.2293



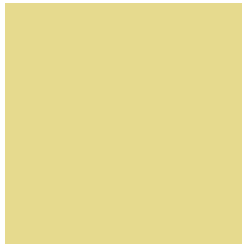
34.4940, 71.2415, -30.2512



9.9230, 20.2510, -8.7025

Previews

White Background



This preview shows how the YUV color 212.9240, -34.9655, 14.9757 looks on a white background.

Color Contrast Check

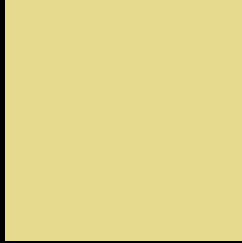
Large Text (above 18pt) WCAG AA × Fail

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 212.9240, -34.9655, 14.9757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

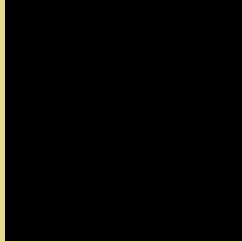
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.9240, -34.9655, 14.9757

Background



This preview shows how black text looks on a background with the YUV color 212.9240, -34.9655, 14.9757.



This preview shows how white text looks on a background with the YUV color 212.9240, -34.9655, 14.9757.

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

212.9240, -34.9655, 14.9757

Protanopia

213.1310, -35.5606, 19.1791

Deuteranopia

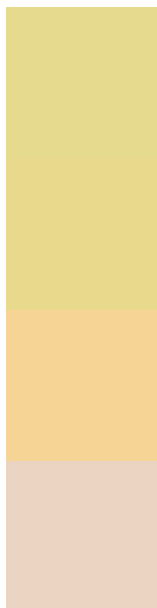
216.0110, -30.0784, 34.1934



Tritanopia

219.0930, 2.4192, 17.4584

Trichromacy



Original Color

212.9240, -34.9655, 14.9757

Protanomaly

213.1200, -35.5552, 17.4348

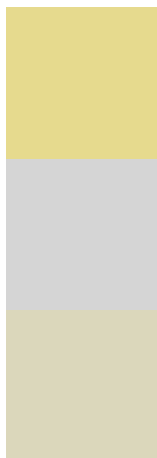
Deuteranomaly

215.0980, -32.0933, 27.1011

Tritanomaly

217.1240, -11.4001, 16.5543

Monochromacy



Original Color

212.9240, -34.9655, 14.9757

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.0040, -12.8200, 5.2585

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9240, -34.9655, 14.9757 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(230, 218, 142)` looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 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(230, 218, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 142) }
```

Border

The CSS property to change the border of an element to YUV 212.9240, -34.9655, 14.9757 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(230, 218, 142) }
```


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

```
.border{ border-color:rgb(230, 218, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 218, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 142);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 212.9240, -34.9655, 14.9757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 142) }
```

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

```
.background{ background-color: rgb(230,  
218, 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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