

Converting Colors

YUV(214.0320, -35.5118,
3.4799)

Have a look what the booklet for
YUV(214.0320, -35.5118, 3.4799)
contains.

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Color

**YUV(214.0320, -35.5118,
3.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE28E
RGB	218, 226, 142
RGB Percent	85%, 89%, 56%
CMY	0.1451, 0.1137, 0.4431
CMYK	0.04, 0.00, 0.37, 0.11
HSL	66°, 59%, 72%
HSV	66°, 37%, 89%
XYZ	60.9923, 71.2511, 36.1294
YIQ	214.0320, 22.1960, -27.8200

Conversions

Conversions Part 2

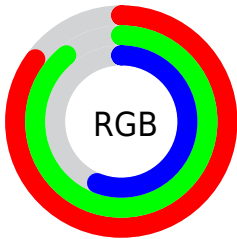
Format	Color
RYB	142, 226, 150
Decimal	14344846
CIELab	87.61, -15.31, 40.17
CIELCh	88, 42.990, 110.865
Yxy	71.2511, 0.3622, 0.4232
Android (android.graphics.Color)	4292534926 (0xFFDAE28E)
YUV	214.0320, -35.5118, 3.4799
Hunter-Lab	84.4104, -18.7397, 33.7099

Details

The YUV color **214.0320, -35.5118, 3.4799** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **153.9680, 35.5118, -3.4799**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.3880, -25.3343, 5.7987**, and **159.0750, -34.0540, 2.5652** is the 20% darker color. If you saturate the color by 10%, you get **210.8120, -45.2633, 4.5499**, and if you desaturate by 10%, it is **217.2520, -25.7602, 2.4100**.

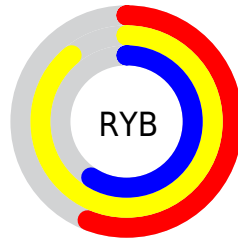
Distribution



Red (85%)

Green (89%)

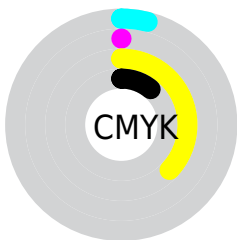
Blue (56%)



Red (56%)

Yellow (89%)

Blue (59%)

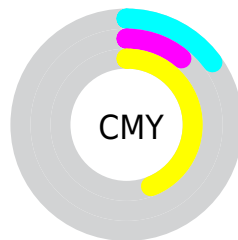


Cyan (4%)

Magenta (0%)

Yellow (37%)

Black (11%)



Cyan (15%)

Magenta (11%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.0320, -35.5118, 3.4799 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 214.0320, -35.5118, 3.4799 by changing the saturation by 10% instead.

214.0320,
-35.5118, 3.4799

214.0320,
-35.5118, 3.4799

255.0000, 0.0000,
0.0000

186.2600,
-34.6382, 3.2800

248.3880,
-25.3343, 5.7987

159.0750,
-34.0540, 2.5652

251.5800,
-13.1039, 2.9993

132.3030,
-33.1804, 2.3653

254.8860, -0.4368,
0.1000

106.8190,
-32.4488, 1.0357

81.7050, -32.8856,
1.1357

58.4320, -28.8070,
-0.3789

38.3420, -18.9026,

-3.8079

■ 17.3330, -8.5452,
-12.5700

■ 0.0000, 0.0000,
0.0000

■ 214.0320,
-35.5118, 3.4799

■ 214.0320,
-35.5118, 3.4799

■ 210.8120,
-45.2633, 4.5499

■ 217.2520,
-25.7602, 2.4100

■ 207.7060,
-54.5781, 5.5198

■ 220.3580,
-16.4455, 1.4400

■ 204.4860,
-64.3296, 6.5898

■ 223.5780, -6.6940,
0.3701

■ 201.0810,
-73.4969, 6.9450

■ 226.9830, 2.4734,
0.0149

■ 197.8610,
-83.2485, 8.0149

■ 230.2030, 12.2249,
-1.0550

■ 194.6410,
-93.0000, 9.0848

■ 230.8010, 11.9301,
0.1745

■ 193.6580,
-95.4734, 9.0699

■ 231.3990, 11.6353,
1.4041

■ 231.9970, 11.3405,
2.6336

■ 232.5950, 11.0457,
3.8632

Harmonies

Analogous

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



217.1220, -38.5141, 33.2190



214.0320, -35.5118, 3.4799



208.6990, -20.5576, -33.0620

Triad

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



214.0320, -35.5118, 3.4799



191.5110, 31.3001, -99.5491



213.8640, 9.9270, 36.0763

Complementary

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



214.0320, -35.5118, 3.4799



153.9680, 35.5118, -3.4799

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.



222.1280, 16.2059, 28.8287



214.0320, -35.5118, 3.4799



204.4780, 24.9073, -55.6702

Square

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



214.0320, -35.5118, 3.4799



190.8540, 27.6800, -105.1120



216.5810, 18.9406, -8.4025



209.1900, -7.9817, 40.1754

Rectangle

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



214.0320, -35.5118, 3.4799



203.6170, -6.2202, -58.4231



216.5810, 18.9406, -8.4025



217.1070, 14.7372, 33.2322

Sweetspot

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



214.0320, -35.5118, 3.4799



250.9110, -11.7881, 0.9551



171.2250, -14.4079, 48.0377



125.4640, -7.1308, 0.4701



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.



214.0320, -35.5118, 3.4799



238.6010, -48.6103, 4.7349



201.7730, -29.4681, -21.7259



110.4470, -4.6574, 0.4850



150.8530, -74.3705, 7.1449



41.3320, -20.3767, 2.3398

Inverse Universe

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



153.9680, 35.5118, -3.4799



156.3990, 48.6103, -4.7349



166.2270, 29.4681, 21.7259



102.5530, 4.6574, -0.4850



25.1470, 74.3705, -7.1449



6.9670, 20.2293, -1.7251

Previews

White Background



This preview shows how the YUV color 214.0320, -35.5118, 3.4799 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 214.0320, -35.5118, 3.4799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

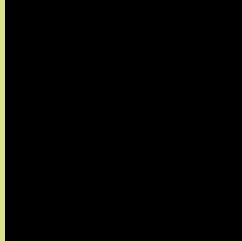
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

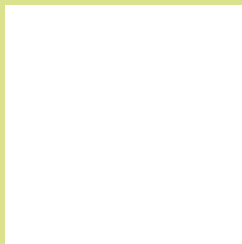
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.0320, -35.5118, 3.4799

Background



This preview shows how black text looks on a background with the YUV color 214.0320, -35.5118, 3.4799.



This preview shows how white text looks on a background with the YUV color 214.0320, -35.5118, 3.4799.

3.4799.

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

214.0320, -35.5118, 3.4799

Protanopia

215.8600, -37.8920, 20.2938

Deuteranopia

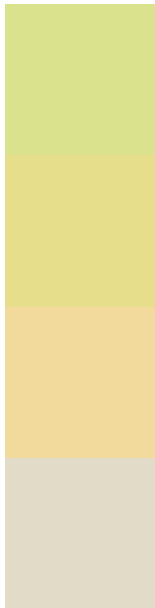
219.3850, -27.3048, 31.2344



Tritanopia

221.1240, 5.3619, 6.9073

Trichromacy



Original Color

214.0320, -35.5118, 3.4799

Protanomaly

215.3430, -37.1441, 13.7312

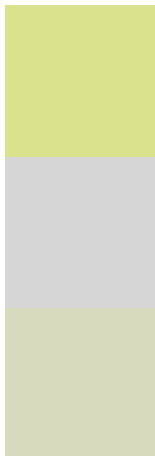
Deuteranomaly

217.5210, -30.3299, 21.4681

Tritanomaly

218.5140, -9.6204, 5.6882

Monochromacy



Original Color

214.0320, -35.5118, 3.4799

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.6830, -12.6617, 1.1550

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.0320, -35.5118, 3.4799 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(218, 226, 142)` looks like.

```
.text, #text, p{  
    color:rgb(218, 226, 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(218, 226, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 226, 142) }
```

Border

The CSS property to change the border of an element to YUV 214.0320, -35.5118, 3.4799 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(218, 226, 142) }
```


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

```
.border{ border-color:rgb(218, 226, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 226, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 226, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 226, 142);  
box-shadow:4px 4px 4px 4px rgb(218, 226,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 214.0320, -35.5118, 3.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 226, 142) }
```

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

```
.background{ background-color: rgb(218,  
226, 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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