

Converting Colors

YUV(229.0920, -36.5274,
2.5503)

Have a look what the booklet for
YUV(229.0920, -36.5274, 2.5503)
contains.

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Color

**YUV(229.0920, -36.5274,
2.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F29B
RGB	232, 242, 155
RGB Percent	91%, 95%, 61%
CMY	0.0902, 0.0510, 0.3922
CMYK	0.04, 0.00, 0.36, 0.05
HSL	67°, 77%, 78%
HSV	67°, 36%, 95%
XYZ	70.9472, 83.0266, 43.2968
YIQ	229.0920, 21.9670, -29.1770

Conversions

Conversions Part 2

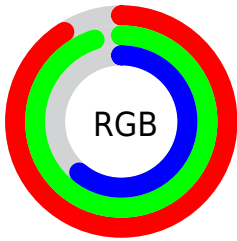
Format	Color
RYB	155, 242, 165
Decimal	15266459
CIELab	93.03, -16.38, 40.90
CIElCh	93, 44.062, 111.822
Yxy	83.0266, 0.3596, 0.4209
Android (android.graphics.Color)	4293456539 (0xFFE8F29B)
YUV	229.0920, -36.5274, 2.5503
Hunter-Lab	91.1189, -20.4741, 35.6106

Details

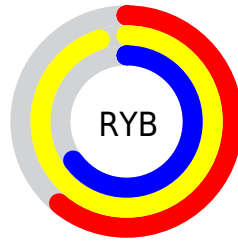
The YUV color $229.0920, -36.5274, 2.5503$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $167.9080, 36.5274, -2.5503$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.8700, -19.6559, 4.4990$, and $173.1350, -35.0696, 1.6356$ is the 20% darker color. If you saturate the color by 10%, you get $225.4590, -46.5683, 3.1055$, and if you desaturate by 10%, it is $232.7250, -26.4864, 1.9952$.

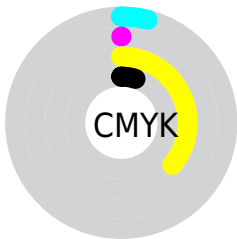
Distribution



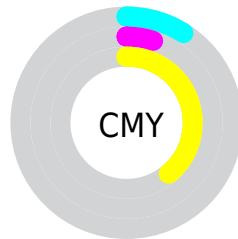
- Red (91%)
- Green (95%)
- Blue (61%)



- Red (61%)
- Yellow (95%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (36%)
- Black (5%)



- Cyan (9%)
- Magenta (5%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.0920, -36.5274, 2.5503 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 229.0920, -36.5274, 2.5503 by changing the saturation by 10% instead.

■ 229.0920,
-36.5274, 2.5503

■ 229.0920,
-36.5274, 2.5503

■ 255.0000, 0.0000,
0.0000

■ 200.9070,
-35.9432, 1.8356

■ 249.8700,
-19.6559, 4.4990

■ 173.1350,
-35.0696, 1.6356

■ 253.1760, -6.9888,
1.5996

■ 146.3630,
-34.1960, 1.4356

■ 120.2920,
-33.1750, 0.6209

■ 94.8790, -33.4643,
0.1061

■ 69.6510, -34.3379,
0.3061

■ 48.9740, -24.1442,

-2.6082

■ 29.1720, -14.3818,
-7.1668

■ 11.1530, -5.4984,
-9.7812

■ 229.0920,
-36.5274, 2.5503

■ 229.0920,
-36.5274, 2.5503

■ 225.4590,
-46.5683, 3.1055

■ 232.7250,
-26.4864, 1.9952

■ 221.8260,
-56.6092, 3.6606

■ 236.3580,
-16.4455, 1.4400

■ 218.3780,
-67.2344, 4.9305

■ 239.8060, -5.8204,
0.1701

■ 214.7450,
-77.2753, 5.4856

■ 243.4390, 4.2206,
-0.3850

■ 211.1120,
-87.3162, 6.0408

■ 244.6780, 5.0887,
1.1594

■ 207.4790,
-97.3571, 6.5959

■ 245.5750, 4.6465,
3.0037

■ 206.0400,
-101.5777, 6.9809

■ 246.1730, 4.3517,
4.2333

■ 247.0700, 3.9095,
6.0776

■ 247.3690, 3.7621,
6.6924

Harmonies

Analogous

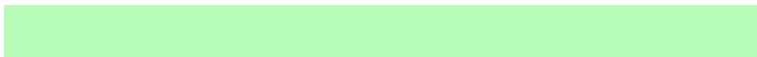
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.2950, -37.6134, 24.2973



229.0920, -36.5274, 2.5503



223.2750, -20.8416, -35.3212

Triad

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



229.0920, -36.5274, 2.5503



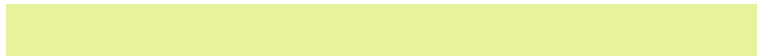
205.6870, 24.3113, -97.9495



224.2650, 11.7014, 26.9546

Complementary

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



229.0920, -36.5274, 2.5503



167.9080, 36.5274, -2.5503

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.



230.3460, 12.1544, 21.6216



229.0920, -36.5274, 2.5503



218.6540, 17.9186, -54.0706

Square

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



229.0920, -36.5274, 2.5503



204.1700, 25.0592, -104.5121



229.8820, 12.3832, -5.1585



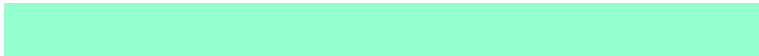
219.4770, -6.6442, 31.1537

Rectangle

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



229.0920, -36.5274, 2.5503



217.5350, -5.1938, -60.9822



229.8820, 12.3832, -5.1585



226.2370, 14.1802, 25.2252

Sweetspot

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



229.0920, -36.5274, 2.5503



250.9110, -11.7881, 0.9551



186.2960, -15.4289, 48.8524



125.4640, -7.1308, 0.4701



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

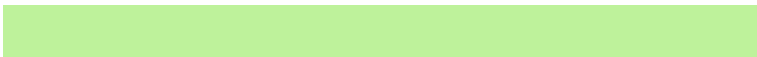
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.0920, -36.5274, 2.5503



238.5730, -46.1315, 3.0055



216.5340, -30.3363, -23.2703



118.0340, -4.9468, -0.0298



156.4460, -77.1279, 4.8709



47.8220, -23.5762, 1.9101

Inverse Universe

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



167.9080, 36.5274, -2.5503



161.4270, 46.1315, -3.0055



180.4660, 30.3363, 23.2703



109.6670, 5.0942, -0.5850



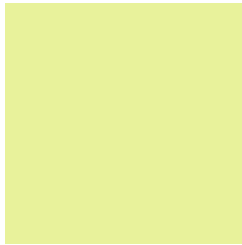
27.2550, 77.2753, -5.4856



8.1780, 23.5762, -1.9101

Previews

White Background



This preview shows how the YUV color 229.0920, -36.5274, 2.5503 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 229.0920, -36.5274, 2.5503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

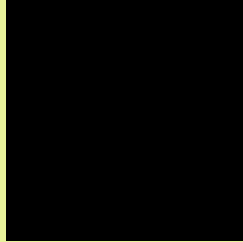
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 229.0920, -36.5274, 2.5503

Background



This preview shows how black text looks on a background with the YUV color 229.0920, -36.5274, 2.5503.

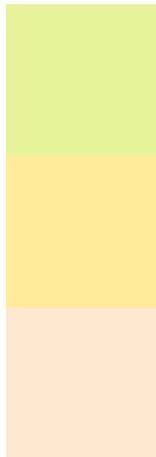


This preview shows how white text looks on a background with the YUV color 229.0920, -36.5274, 2.5503.

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

229.0920, -36.5274, 2.5503

Protanopia

231.6320, -38.7656, 20.4937

Deuteranopia

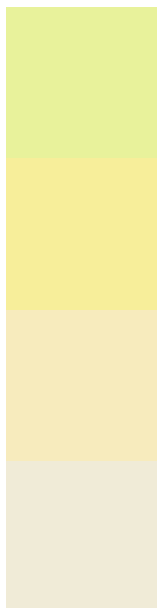
235.5540, -13.5841, 17.0541



Tritanopia

236.9390, 5.9461, 6.1925

Trichromacy



Original Color

229.0920, -36.5274, 2.5503

Protanomaly

231.1150, -38.0177, 13.9311

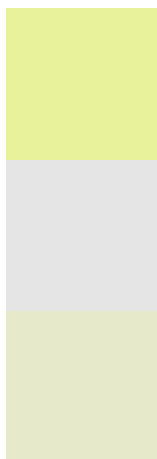
Deuteranomaly

233.3440, -21.8616, 11.9763

Tritanomaly

234.2150, -9.4730, 5.0734

Monochromacy



Original Color

229.0920, -36.5274, 2.5503

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.1560, -13.3879, 0.7402

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.0920, -36.5274, 2.5503 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, 242, 155)` looks like.

```
.text, #text, p{  
    color:rgb(232, 242, 155)  
}
```

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, 242, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 242, 155) }
```

Border

The CSS property to change the border of an element to YUV 229.0920, -36.5274, 2.5503 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, 242, 155) }
```


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

```
.border{ border-color:rgb(232, 242, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 242, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 242, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 242, 155);  
box-shadow:4px 4px 4px 4px rgb(232, 242,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 229.0920, -36.5274, 2.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 242, 155) }
```

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

```
.background{ background-color: rgb(232,  
242, 155) }
```

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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