

Converting Colors

YUV(227.9170, -14.2561,
-0.8042)

Have a look what the booklet for
YUV(227.9170, -14.2561, -0.8042)
contains.

YUV(227.9170, -14.2561, -0.8042)	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(227.9170, -14.2561,
-0.8042)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EAC7
RGB	227, 234, 199
RGB Percent	89%, 92%, 78%
CMY	0.1098, 0.0824, 0.2196
CMYK	0.03, 0.00, 0.15, 0.08
HSL	72°, 45%, 85%
HSV	72°, 15%, 92%
XYZ	71.4102, 79.3001, 65.5756
YIQ	227.9170, 7.0630, -12.3690

Conversions

Conversions Part 2

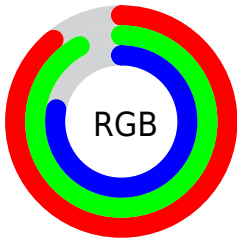
Format	Color
RYB	199, 234, 206
Decimal	14936775
CIELab	91.37, -8.26, 16.22
CIELCh	91, 18.203, 116.972
Yxy	79.3001, 0.3302, 0.3666
Android (android.graphics.Color)	4293126855 (0xFFE3EAC7)
YUV	227.9170, -14.2561, -0.8042
Hunter-Lab	89.0506, -12.6983, 18.6751

Details

The YUV color $227.9170, -14.2561, -0.8042$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $205.0830, 14.2561, 0.8042$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.1450, -13.3825, -1.0042$ is the 20% darker color. If you saturate the color by 10%, you get $223.8000, -23.5654, -1.5786$, and if you desaturate by 10%, it is $232.0340, -4.9468, -0.0298$.

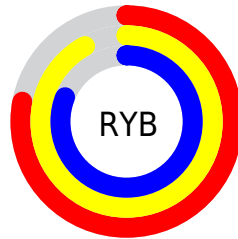
Distribution



Red (89%)

Green (92%)

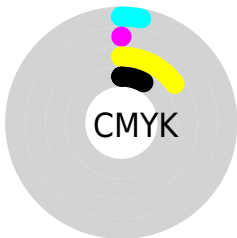
Blue (78%)



Red (78%)

Yellow (92%)

Blue (81%)

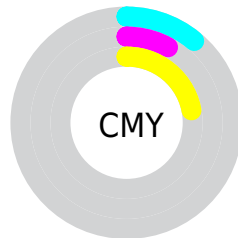


Cyan (3%)

Magenta (0%)

Yellow (15%)

Black (8%)



Cyan (11%)

Magenta (8%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.9170, -14.2561, -0.8042 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 227.9170, -14.2561, -0.8042 by changing the saturation by 10% instead.

■ 227.9170,
-14.2561, -0.8042

■ 227.9170,
-14.2561, -0.8042

255.0000, 0.0000,
0.0000

■ 200.0310,
-13.8193, -0.9042

■ 172.1450,
-13.3825, -1.0042

■ 146.1450,
-13.3825, -1.0042

■ 120.2590,
-12.9457, -1.1041

■ 95.4870, -12.0721,
-1.3041

■ 71.6010, -11.6353,
-1.4041

■ 48.8290, -10.7617,

-1.6040

■ 27.5580, -13.0931,
-0.4894

■ 5.2830, -2.6045,
-4.6332

■ 227.9170,
-14.2561, -0.8042

■ 227.9170,
-14.2561, -0.8042

■ 223.8000,
-23.5654, -1.5786

■ 232.0340, -4.9468,
-0.0298

■ 219.8680,
-33.4589, -1.6382

■ 235.9660, 4.9468,
0.0298

■ 215.7510,
-42.7682, -2.4126

■ 238.4870, 8.1409,
2.2039

■ 211.5200,
-52.5144, -3.0870

■ 239.9820, 7.4039,
5.2778

■ 207.7020,
-61.9711, -3.2467

■ 241.1780, 6.8142,
7.7369

■ 203.5850,
-71.2804, -4.0210

■ 242.6730, 6.0772,
10.8108

■ 199.3540,
-81.0265, -4.6955

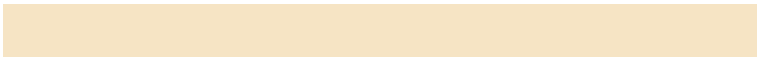
■ 195.5360,
-90.4832, -4.8551

■ 193.2710,
-95.2826, -5.4997

Harmonies

Analogous

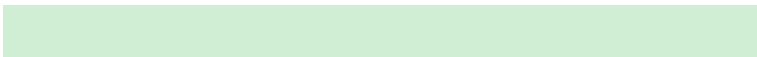
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.7340, -16.6309, 14.2653



227.9170, -14.2561, -0.8042



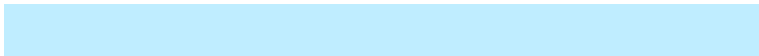
225.6530, -7.2239, -16.3587

Triad

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



227.9170, -14.2561, -0.8042



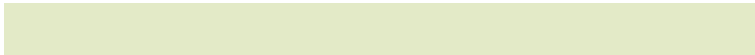
225.2980, 14.6431, -30.0793



230.7730, 1.0979, 21.2471

Complementary

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



227.9170, -14.2561, -0.8042



205.0830, 14.2561, 0.8042

Split Complementary

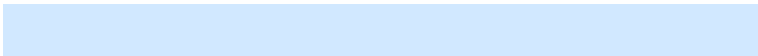
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.5750, 8.0975, 16.1587



227.9170, -14.2561, -0.8042



227.7450, 13.4367, -16.4394

Square

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



227.9170, -14.2561, -0.8042



224.1250, 10.2914, -34.3126



230.8010, 11.9301, 0.1745



229.3080, -7.0538, 22.5319

Rectangle

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



227.9170, -14.2561, -0.8042



224.7920, -1.3765, -25.2506



230.8010, 11.9301, 0.1745



232.0440, 3.4293, 20.1324

Sweetspot

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



227.9170, -14.2561, -0.8042



253.2620, -4.0732, -0.2298



213.5740, -7.1850, 17.9136



126.6040, -2.7628, -0.5297



0.0000, 0.0000, 0.0000



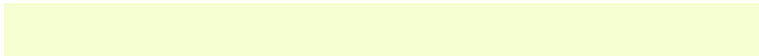
128.0000, 0.0000, 0.0000

Same Dimension

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



227.9170, -14.2561, -0.8042



247.0650, -18.7660, -0.9340



222.8340, -11.7502, -11.2554



115.1480, -4.5100, -0.1298



149.6020, -73.7538, -4.0360



44.5550, -21.9656, -1.3637

Inverse Universe

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



205.0830, 14.2561, 0.8042



216.9350, 18.7660, 0.9340



210.4650, 11.6028, 11.8702



107.8520, 4.5100, 0.1298



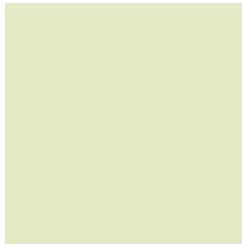
31.3980, 73.7538, 4.0360



9.4450, 21.9656, 1.3637

Previews

White Background



This preview shows how the YUV color 227.9170, -14.2561, -0.8042 looks on a white background.

Color Contrast Check

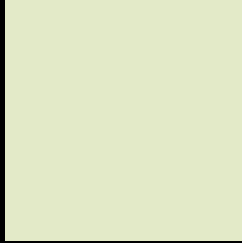
Large Text (above 18pt) WCAG AA × Fail

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 227.9170, -14.2561, -0.8042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

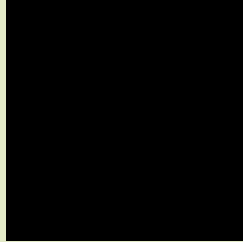
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

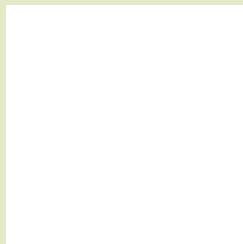
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.9170, -14.2561, -0.8042

Background



This preview shows how black text looks on a background with the YUV color 227.9170, -14.2561, -0.8042.



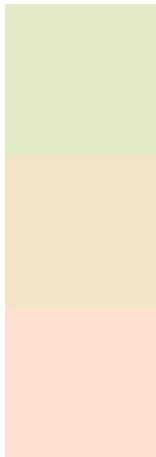
This preview shows how white text looks on a background with the YUV color 227.9170, -14.2561, -0.8042.

-0.8042.

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

227.9170, -14.2561, -0.8042

Protanopia

229.2390, -15.8938, 11.1914

Deuteranopia

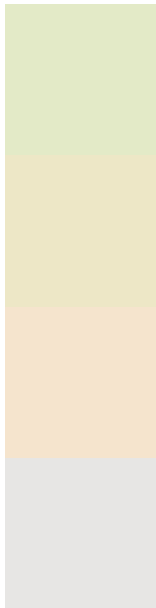
231.5590, -11.1216, 20.5578



Tritanopia

231.1450, 6.8305, 2.5038

Trichromacy



Original Color

227.9170, -14.2561, -0.8042

Protanomaly

229.0320, -15.2988, 6.9879

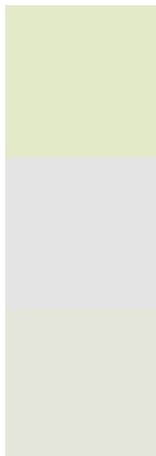
Deuteranomaly

230.4610, -12.5523, 12.7507

Tritanomaly

230.0710, -1.0210, 0.8147

Monochromacy



Original Color

227.9170, -14.2561, -0.8042

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9200, -5.3836, 0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.9170, -14.2561, -0.8042 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, 234, 199)` looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 199)  
}
```

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, 234, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 199) }
```

Border

The CSS property to change the border of an element to YUV 227.9170, -14.2561, -0.8042 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, 234, 199) }
```


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

```
.border{ border-color:rgb(227, 234, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 234, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 234, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 234, 199);  
box-shadow:4px 4px 4px 4px rgb(227, 234,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 227.9170, -14.2561, -0.8042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 199) }
```

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

```
.background{ background-color: rgb(227,  
234, 199) }
```

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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