

Converting Colors

YUV(228.3290, -29.2492,
1.4655)

Have a look what the booklet for
YUV(228.3290, -29.2492, 1.4655)
contains.

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Color

**YUV(228.3290, -29.2492,
1.4655)**

Conversions

Conversions Part 1

Format	Color
Hex	E6EFA9
RGB	230, 239, 169
RGB Percent	90%, 94%, 66%
CMY	0.0980, 0.0627, 0.3373
CMYK	0.04, 0.00, 0.29, 0.06
HSL	68°, 69%, 80%
HSV	68°, 29%, 94%
XYZ	70.6611, 81.4206, 49.5276
YIQ	228.3290, 17.1060, -23.6780

Conversions

Conversions Part 2

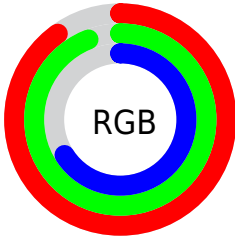
Format	Color
RYB	169, 239, 178
Decimal	15134633
CIELab	92.32, -13.94, 32.94
CIELCh	92, 35.771, 112.935
Yxy	81.4206, 0.3505, 0.4039
Android (android.graphics.Color)	4293324713 (0xFFE6EFA9)
YUV	228.3290, -29.2492, 1.4655
Hunter-Lab	90.2333, -18.1263, 30.6200

Details

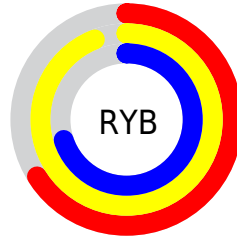
The YUV color $228.3290, -29.2492, 1.4655$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $179.6710, 29.2492, -1.4655$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.5800, -13.1039, 2.9993$, and $172.6710, -27.9388, 1.1655$ is the 20% darker color. If you saturate the color by 10%, you get $224.6960, -39.2901, 2.0206$, and if you desaturate by 10%, it is $231.9620, -19.2083, 0.9103$.

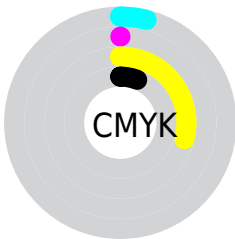
Distribution



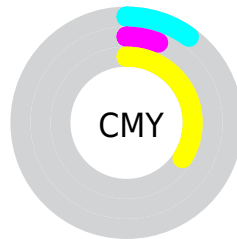
- Red (90%)
- Green (94%)
- Blue (66%)



- Red (66%)
- Yellow (94%)
- Blue (70%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (6%)



- Cyan (10%)
- Magenta (6%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.3290, -29.2492, 1.4655 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 228.3290, -29.2492, 1.4655 by changing the saturation by 10% instead.

■ 228.3290,
-29.2492, 1.4655

■ 228.3290,
-29.2492, 1.4655

255.0000, 0.0000,
0.0000

■ 200.4430,
-28.8124, 1.3655

■ 251.5800,
-13.1039, 2.9993

■ 172.6710,
-27.9388, 1.1655

254.8860, -0.4368,
0.1000

■ 145.8990,
-27.0652, 0.9656

■ 119.8280,
-26.0442, 0.1508

■ 94.9420, -25.6074,
0.0509

■ 70.6430, -25.4600,
-0.5639

■ 48.0990, -23.7128,

-0.9638

■ 28.0090, -13.8084,
-4.3929

■ 8.8050, -4.3409,
-7.7220

■ 228.3290,
-29.2492, 1.4655

■ 228.3290,
-29.2492, 1.4655

■ 224.6960,
-39.2901, 2.0206

■ 231.9620,
-19.2083, 0.9103

■ 221.0630,
-49.3311, 2.5757

■ 235.5950, -9.1673,
0.3552

■ 217.4300,
-59.3720, 3.1309

■ 239.2280, 0.8736,
-0.2000

■ 213.7970,
-69.4129, 3.6860

■ 241.7210, 6.5465,
0.2447

■ 210.1640,
-79.4539, 4.2412

■ 242.6180, 6.1043,
2.0890

■ 206.6450,
-89.0580, 4.6963

■ 243.5150, 5.6621,
3.9333

■ 202.7130,
-98.9515, 4.6367

■ 244.7110, 5.0725,
6.3925

■ 202.4850,
-99.8251, 4.8367

■ 245.6080, 4.6303,
8.2368

Harmonies

Analogous

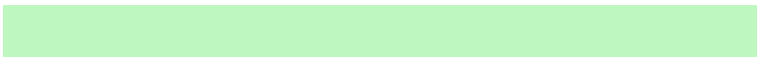
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.8910, -31.4983, 22.8976



228.3290, -29.2492, 1.4655



223.5730, -16.0585, -29.4435

Triad

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



228.3290, -29.2492, 1.4655



214.7230, 19.8566, -69.0401



226.0430, 8.3598, 25.3953

Complementary

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



228.3290, -29.2492, 1.4655



179.6710, 29.2492, -1.4655

Split Complementary

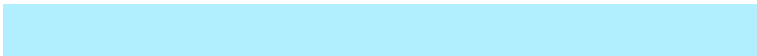
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.5200, 11.5756, 20.5920



228.3290, -29.2492, 1.4655



222.2860, 16.1280, -39.7158

Square

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



228.3290, -29.2492, 1.4655



214.9670, 19.7363, -77.1471



230.1920, 12.2303, -2.7994



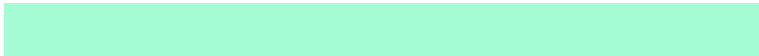
222.6400, -7.2175, 28.3797

Rectangle

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



228.3290, -29.2492, 1.4655



220.5410, -4.2107, -49.5865



230.1920, 12.2303, -2.7994



228.4710, 12.5858, 23.2659

Sweetspot

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



228.3290, -29.2492, 1.4655



251.4810, -9.6041, 0.4552



194.6260, -12.6336, 38.9160



125.6920, -6.2572, 0.2701



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

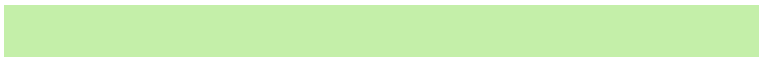
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.3290, -29.2492, 1.4655



241.5650, -37.2535, 2.1355



218.1630, -24.2374, -19.4370



118.0340, -4.9468, -0.0298



155.8480, -76.8331, 3.6413



47.5230, -23.4288, 1.2953

Inverse Universe

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



179.6710, 29.2492, -1.4655



179.4350, 37.2535, -2.1355



189.8370, 24.2374, 19.4370



109.6670, 5.0942, -0.5850



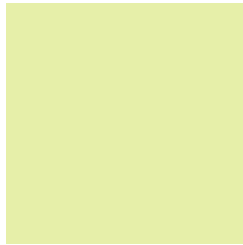
28.1520, 76.8331, -3.6413



8.4770, 23.4288, -1.2953

Previews

White Background



This preview shows how the YUV color 228.3290, -29.2492, 1.4655 looks on a white background.

Color Contrast Check

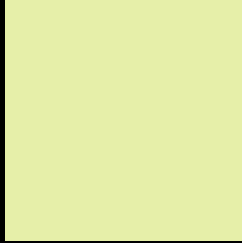
Large Text (above 18pt) WCAG AA × Fail

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 228.3290, -29.2492, 1.4655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

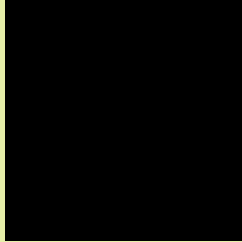
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

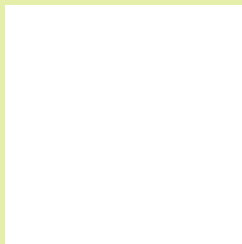
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.3290, -29.2492, 1.4655

Background



This preview shows how black text looks on a background with the YUV color 228.3290, -29.2492, 1.4655.



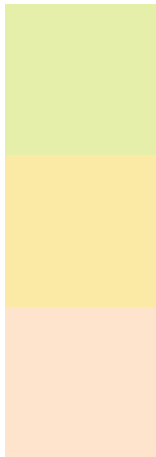
This preview shows how white text looks on a background with the YUV color 228.3290, -29.2492, 1.4655.

1.4655.

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

228.3290, -29.2492, 1.4655

Protanopia

230.7440, -31.9188, 17.7645

Deuteranopia

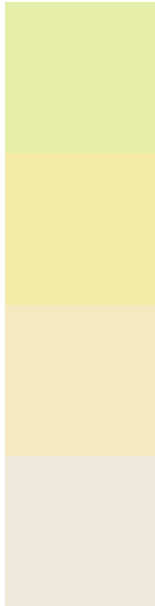
233.4510, -14.0263, 18.8985



Tritanopia

234.3410, 6.2409, 4.9629

Trichromacy



Original Color

228.3290, -29.2492, 1.4655

Protanomaly

229.6400, -30.8815, 11.7167

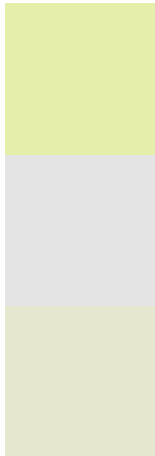
Deuteranomaly

231.6260, -19.5356, 12.6060

Tritanomaly

232.3010, -6.5574, 3.2440

Monochromacy



Original Color

228.3290, -29.2492, 1.4655

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2530, -10.4777, 0.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.3290, -29.2492, 1.4655 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, 239, 169)` looks like.

```
.text, #text, p{  
    color:rgb(230, 239, 169)  
}
```

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, 239, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 239, 169) }
```

Border

The CSS property to change the border of an element to YUV 228.3290, -29.2492, 1.4655 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, 239, 169) }
```


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

```
.border{ border-color:rgb(230, 239, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 239, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 239, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 239, 169);  
box-shadow:4px 4px 4px 4px rgb(230, 239,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 228.3290, -29.2492, 1.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 239, 169) }
```

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

```
.background{ background-color: rgb(230,  
239, 169) }
```

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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