

Converting Colors

YUV(229.2180, -20.8135,
2.4398)

Have a look what the booklet for
YUV(229.2180, -20.8135, 2.4398)
contains.

YUV(229.2180, -20.8135, 2.4398)	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(229.2180, -20.8135,
2.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	E8ECBB
RGB	232, 236, 187
RGB Percent	91%, 93%, 73%
CMY	0.0902, 0.0745, 0.2667
CMYK	0.02, 0.00, 0.21, 0.07
HSL	65°, 56%, 83%
HSV	65°, 21%, 93%
XYZ	72.2438, 80.7346, 58.7894
YIQ	229.2180, 13.3450, -16.0870

Conversions

Conversions Part 2

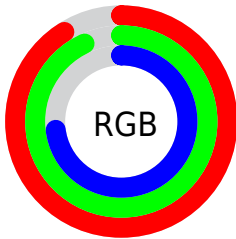
Format	Color
RYB	187, 236, 191
Decimal	15264955
CIELab	92.01, -9.27, 23.37
CIElCh	92, 25.142, 111.630
Yxy	80.7346, 0.3411, 0.3812
Android (android.graphics.Color)	4293455035 (0xFFE8ECBB)
YUV	229.2180, -20.8135, 2.4398
Hunter-Lab	89.8524, -13.7228, 24.1039

Details

The YUV color $229.2180, -20.8135, 2.4398$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $193.7820, 20.8135, -2.4398$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, -5.2416, 1.1997$, and $173.5600, -19.5031, 2.1399$ is the 20% darker color. If you saturate the color by 10%, you get $225.8840, -31.0018, 3.6097$, and if you desaturate by 10%, it is $232.5520, -10.6251, 1.2699$.

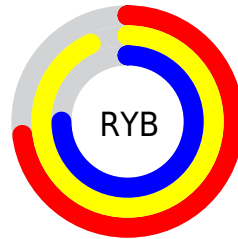
Distribution



Red (91%)

Green (93%)

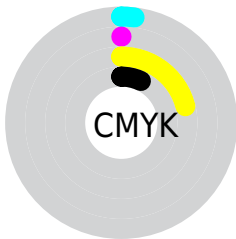
Blue (73%)



Red (73%)

Yellow (93%)

Blue (75%)

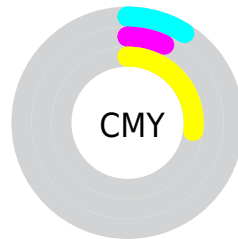


Cyan (2%)

Magenta (0%)

Yellow (21%)

Black (7%)



Cyan (9%)

Magenta (7%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.2180, -20.8135, 2.4398 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 229.2180, -20.8135, 2.4398 by changing the saturation by 10% instead.

■ 229.2180,
-20.8135, 2.4398

■ 229.2180,
-20.8135, 2.4398

255.0000, 0.0000,
0.0000

■ 201.3320,
-20.3767, 2.3398

■ 253.6320, -5.2416,
1.1997

■ 173.5600,
-19.5031, 2.1399

■ 146.6740,
-19.0663, 2.0399

■ 121.4890,
-18.4821, 1.3251

■ 96.6030, -18.0453,
1.2252

■ 72.5320, -17.0243,
0.4104

■ 49.6460, -16.5875,

0.3105

■ 28.6290, -14.1141,
0.3254

■ 7.6310, -3.7621,
-6.6924

■ 229.2180,
-20.8135, 2.4398

■ 229.2180,
-20.8135, 2.4398

■ 225.8840,
-31.0018, 3.6097

■ 232.5520,
-10.6251, 1.2699

■ 222.6640,
-40.7534, 4.6797

■ 235.7720, -0.8736,
0.2000

■ 219.3300,
-50.9417, 5.8496

■ 238.7640, 8.0043,
-0.6700

■ 216.1100,
-60.6932, 6.9195

■ 239.3620, 7.7095,
0.5595

■ 212.7760,
-70.8816, 8.0894

■ 239.9600, 7.4147,
1.7891

■ 209.4420,
-81.0699, 9.2594

■ 240.5580, 7.1199,
3.0186

■ 206.5210,
-90.9689, 10.9441

■ 240.8570, 6.9725,
3.6334

■ 203.4150,
-100.2836, 11.9140

■ 241.4550, 6.6777,
4.8630

■ 242.0530, 6.3829,
6.0925

Harmonies

Analogous

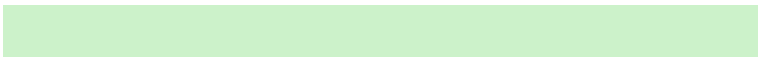
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.1710, -22.7623, 20.8980



229.2180, -20.8135, 2.4398



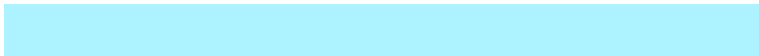
226.0780, -11.8705, -19.3624

Triad

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



229.2180, -20.8135, 2.4398



223.1390, 15.7075, -44.8489



230.3970, 4.7343, 21.5768

Complementary

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



229.2180, -20.8135, 2.4398



193.7820, 20.8135, -2.4398

Split Complementary

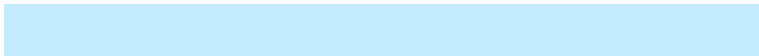
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.4550, 10.1287, 18.0180



229.2180, -20.8135, 2.4398



226.2060, 14.1954, -26.4907

Square

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



229.2180, -20.8135, 2.4398



222.4220, 13.1030, -49.4821



231.0780, 11.7935, -2.6994



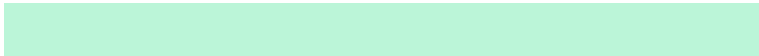
227.5470, -6.1857, 24.0763

Rectangle

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



229.2180, -20.8135, 2.4398



224.3520, -4.1175, -32.7577



231.0780, 11.7935, -2.6994



231.8960, 7.9393, 20.2622

Sweetspot

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



229.2180, -20.8135, 2.4398



252.9910, -6.4046, 0.8849



203.4120, -8.0911, 28.5797



126.6750, -3.7838, 0.2850



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.



229.2180, -20.8135, 2.4398



246.2090, -27.2180, 3.3247



222.0420, -17.2757, -12.3148



115.4470, -4.6574, 0.4850



155.8810, -76.8493, 8.8744



46.3490, -22.8501, 2.3249

Inverse Universe

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



193.7820, 20.8135, -2.4398



199.7910, 27.2180, -3.3247



200.9580, 17.2757, 12.3148



107.5530, 4.6574, -0.4850



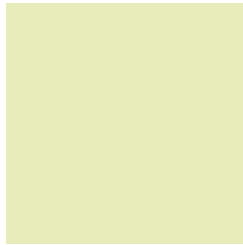
25.1190, 76.8493, -8.8744



7.3520, 22.9975, -2.9397

Previews

White Background



This preview shows how the YUV color 229.2180, -20.8135, 2.4398 looks on a white background.

Color Contrast Check

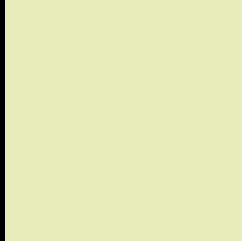
Large Text (above 18pt) WCAG AA × Fail

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 229.2180, -20.8135, 2.4398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

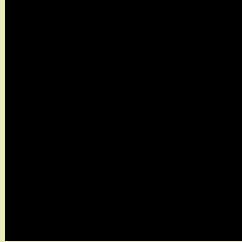
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

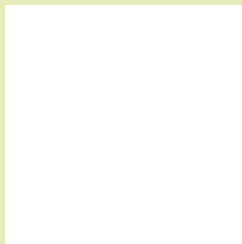
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.2180, -20.8135, 2.4398

Background



This preview shows how black text looks on a background with the YUV color 229.2180, -20.8135, 2.4398.



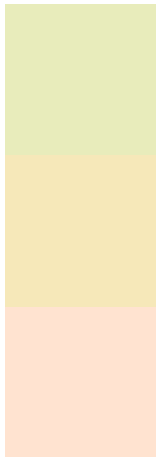
This preview shows how white text looks on a background with the YUV color 229.2180, -20.8135,

2.4398.

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

229.2180, -20.8135, 2.4398

Protanopia

230.8280, -22.5932, 13.3058

Deuteranopia

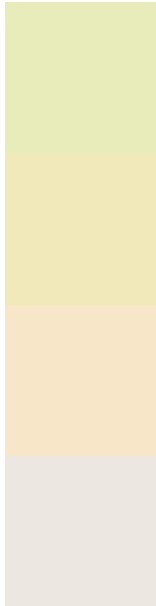
233.2060, -12.4266, 19.1133



Tritanopia

233.6400, 6.0935, 5.5777

Trichromacy



Original Color

229.2180, -20.8135, 2.4398

Protanomaly

230.0340, -21.7088, 9.6172

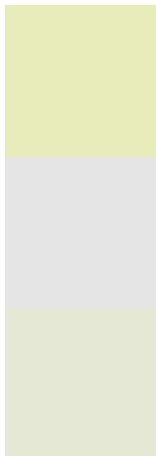
Deuteranomaly

231.6630, -15.6099, 13.4505

Tritanomaly

232.1100, -3.5052, 4.2885

Monochromacy



Original Color

229.2180, -20.8135, 2.4398

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.3500, -7.5676, 0.5700

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.2180, -20.8135, 2.4398 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, 236, 187)` looks like.

```
.text, #text, p{  
    color:rgb(232, 236, 187)  
}
```

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, 236, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 236, 187) }
```

Border

The CSS property to change the border of an element to YUV 229.2180, -20.8135, 2.4398 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, 236, 187) }
```


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

```
.border{ border-color:rgb(232, 236, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 236, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 236, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 236, 187); box-shadow:4px 4px 4px 4px rgb(232, 236, 187) }
```

Background

The CSS property to change the background color of an element to YUV 229.2180, -20.8135, 2.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 236, 187) }
```

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

```
.background{ background-color: rgb(232,  
236, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor