

Converting Colors

YUV(223.8420, -17.1771,
2.7696)

Have a look what the booklet for
YUV(223.8420, -17.1771, 2.7696)
contains.

YUV(223.8420, -17.1771, 2.7696)	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(223.8420, -17.1771,
2.7696)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E5BD
RGB	227, 229, 189
RGB Percent	89%, 90%, 74%
CMY	0.1098, 0.1020, 0.2588
CMYK	0.01, 0.00, 0.17, 0.10
HSL	63°, 43%, 82%
HSV	63°, 17%, 90%
XYZ	68.8832, 76.0436, 59.1915
YIQ	223.8420, 11.6480, -12.8640

Conversions

Conversions Part 2

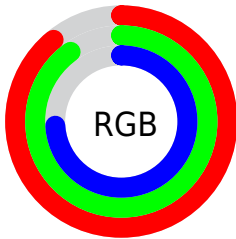
Format	Color
RYB	189, 229, 191
Decimal	14935485
CIELab	89.88, -7.26, 19.32
CIELCh	90, 20.641, 110.589
Yxy	76.0436, 0.3375, 0.3725
Android (android.graphics.Color)	4293125565 (0xFFE3E5BD)
YUV	223.8420, -17.1771, 2.7696
Hunter-Lab	87.2030, -11.6050, 20.7974

Details

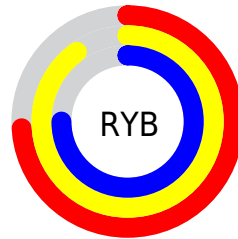
The YUV color $223.8420, -17.1771, 2.7696$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $194.1580, 17.1771, -2.7696$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8600, -4.3680, 0.9998$, and $168.7710, -16.1561, 1.9548$ is the 20% darker color. If you saturate the color by 10%, you get $220.9210, -27.0761, 4.4543$, and if you desaturate by 10%, it is $226.7630, -7.2782, 1.0848$.

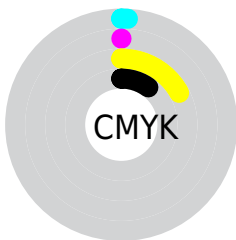
Distribution



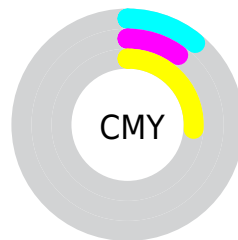
- Red (89%)
- Green (90%)
- Blue (74%)



- Red (74%)
- Yellow (90%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.8420, -17.1771, 2.7696 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 223.8420, -17.1771, 2.7696 by changing the saturation by 10% instead.

■ 223.8420,
-17.1771, 2.7696

■ 223.8420,
-17.1771, 2.7696

255.0000, 0.0000,
0.0000

■ 195.9560,
-16.7403, 2.6696

■ 253.8600, -4.3680,
0.9998

■ 168.7710,
-16.1561, 1.9548

■ 142.1840,
-15.8667, 2.4696

■ 116.4120,
-14.9931, 2.2697

■ 92.1130, -14.8457,
1.6549

■ 68.3410, -13.9721,
1.4549

■ 45.5690, -13.0985,

1.2550

■ 25.0960, -12.3723,
1.6698

■ 0.0000, 0.0000,
0.0000

■ 223.8420,
-17.1771, 2.7696

■ 223.8420,
-17.1771, 2.7696

■ 220.9210,
-27.0761, 4.4543

■ 226.7630, -7.2782,
1.0848

■ 218.0000,
-36.9750, 6.1390

■ 229.6840, 2.6208,
-0.5999

■ 215.0790,
-46.8739, 7.8237

■ 232.2630, 11.2093,
-1.9847

■ 211.8590,
-56.6255, 8.8937

■ 232.8610, 10.9145,
-0.7551

■ 209.0520,
-66.0876, 10.4784

■ 233.1600, 10.7671,
-0.1403

■ 206.1310,
-75.9866, 12.1631

■ 233.4590, 10.6197,
0.4745

■ 203.2100,
-85.8855, 13.8478

■ 233.7580, 10.4723,
1.0892

■ 200.2890,
-95.7845, 15.5325

■ 234.0570, 10.3249,
1.7040

■ 199.6050,
-98.4053, 16.1324

■ 234.3560, 10.1775,
2.3188

Harmonies

Analogous

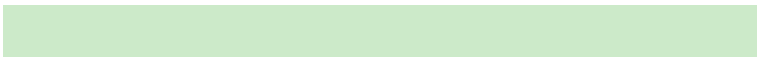
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.3710, -19.4099, 18.9686



223.8420, -17.1771, 2.7696



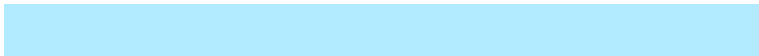
221.2680, -9.9921, -15.1440

Triad

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



223.8420, -17.1771, 2.7696



220.2370, 17.1382, -37.0418



227.8380, 2.5449, 23.8211

Complementary

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



223.8420, -17.1771, 2.7696



194.1580, 17.1771, -2.7696

Split Complementary

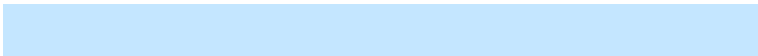
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.5470, 10.5763, 14.4293



223.8420, -17.1771, 2.7696



222.6840, 15.9318, -23.4019

Square

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



223.8420, -17.1771, 2.7696



218.3910, 10.1602, -38.9309



226.3490, 14.1249, -3.8141



225.5580, -6.1911, 25.8206

Rectangle

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



223.8420, -17.1771, 2.7696



219.8090, -3.8498, -25.2655



226.3490, 14.1249, -3.8141



229.2230, 5.3131, 22.6064

Sweetspot

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



223.8420, -17.1771, 2.7696



253.2190, -5.5310, 0.6849



202.1340, -6.4751, 23.5615



126.7890, -3.3470, 0.1850



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.



223.8420, -17.1771, 2.7696



247.9470, -23.1449, 3.5545



217.8620, -14.2290, -9.5260



113.3330, -5.0942, 0.5850



155.9030, -76.8602, 12.3631



44.2890, -21.8345, 3.2545

Inverse Universe

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



194.1580, 17.1771, -2.7696



208.0530, 23.1449, -3.5545



200.1380, 14.2290, 9.5260



104.6670, 5.0942, -0.5850



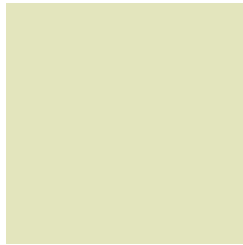
23.0970, 76.8602, -12.3631



6.7110, 21.8345, -3.2545

Previews

White Background



This preview shows how the YUV color 223.8420, -17.1771, 2.7696 looks on a white background.

Color Contrast Check

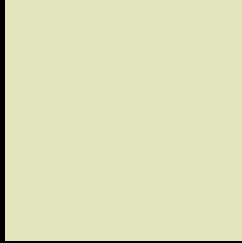
Large Text (above 18pt) WCAG AA × Fail

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 223.8420, -17.1771, 2.7696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

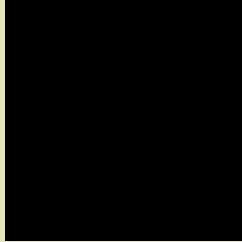
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

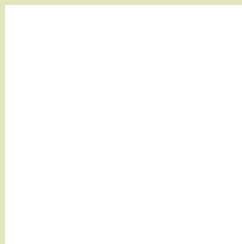
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 223.8420, -17.1771, 2.7696

Background



This preview shows how black text looks on a background with the YUV color 223.8420, -17.1771, 2.7696.



This preview shows how white text looks on a background with the YUV color 223.8420, -17.1771, 2.7696.

2.7696.

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

223.8420, -17.1771, 2.7696

Protanopia

224.8540, -18.6620, 12.4060

Deuteranopia

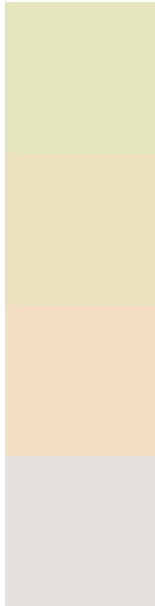
227.2560, -14.9162, 24.3315



Tritanopia

227.5260, 5.6567, 5.6777

Trichromacy



Original Color

223.8420, -17.1771, 2.7696

Protanomaly

224.3590, -17.9250, 9.3322

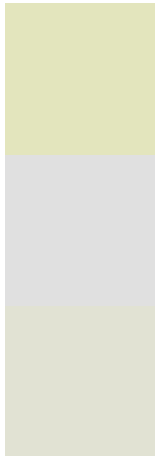
Deuteranomaly

226.2720, -15.9101, 16.4245

Tritanomaly

226.3380, -2.6316, 4.0886

Monochromacy



Original Color

223.8420, -17.1771, 2.7696

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

223.9910, -6.4046, 0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.8420, -17.1771, 2.7696 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, 229, 189)` looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 189)  
}
```

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, 229, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 189) }
```

Border

The CSS property to change the border of an element to YUV 223.8420, -17.1771, 2.7696 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, 229, 189) }
```


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

```
.border{ border-color:rgb(227, 229, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 229, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 229, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 229, 189); box-shadow:4px 4px 4px 4px rgb(227, 229, 189) }
```

Background

The CSS property to change the background color of an element to YUV 223.8420, -17.1771, 2.7696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 189) }
```

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

```
.background{ background-color: rgb(227,  
229, 189) }
```

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