

Converting Colors

YUV(216.2070, -20.8081,
0.6955)

Have a look what the booklet for
YUV(216.2070, -20.8081, 0.6955)
contains.

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Color

**YUV(216.2070, -20.8081,
0.6955)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E0AE
RGB	217, 224, 174
RGB Percent	85%, 88%, 68%
CMY	0.1490, 0.1216, 0.3176
CMYK	0.03, 0.00, 0.22, 0.12
HSL	68°, 45%, 78%
HSV	68°, 22%, 88%
XYZ	62.9109, 71.1190, 50.4560
YIQ	216.2070, 11.8780, -17.0340

Conversions

Conversions Part 2

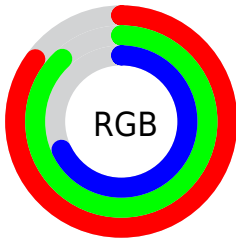
Format	Color
RYB	174, 224, 181
Decimal	14278830
CIELab	87.54, -10.56, 23.75
CIELCh	88, 25.996, 113.968
Yxy	71.1190, 0.3410, 0.3855
Android (android.graphics.Color)	4292468910 (0xFFD9E0AE)
YUV	216.2070, -20.8081, 0.6955
Hunter-Lab	84.3321, -14.4219, 23.5592

Details

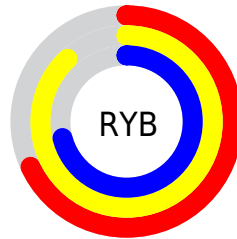
The YUV color $216.2070, -20.8081, 0.6955$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $181.7930, 20.8081, -0.6955$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.1500, -10.9200, 2.4994$, and $161.4350, -19.9345, 0.4955$ is the 20% darker color. If you saturate the color by 10%, you get $212.8020, -29.9754, 1.0506$, and if you desaturate by 10%, it is $219.6120, -11.6407, 0.3403$.

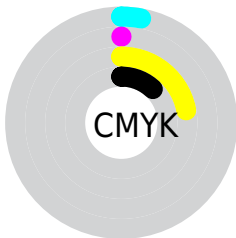
Distribution



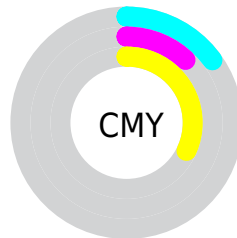
- Red (85%)
- Green (88%)
- Blue (68%)



- Red (68%)
- Yellow (88%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2070, -20.8081, 0.6955 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 216.2070, -20.8081, 0.6955 by changing the saturation by 10% instead.

■ 216.2070,
-20.8081, 0.6955

■ 216.2070,
-20.8081, 0.6955

255.0000, 0.0000,
0.0000

■ 188.3210,
-20.3713, 0.5955

■ 252.1500,
-10.9200, 2.4994

■ 161.4350,
-19.9345, 0.4955

■ 134.6630,
-19.0609, 0.2955

■ 109.4780,
-18.4767, -0.4192

■ 85.0050, -17.7505,
-0.0044

■ 61.8200, -17.1663,
-0.7191

■ 39.0050, -17.7505,

-0.0044

■ 19.4480, -9.5879,
-4.7779

■ 0.0000, 0.0000,
0.0000

■ 216.2070,
-20.8081, 0.6955

■ 216.2070,
-20.8081, 0.6955

■ 212.8020,
-29.9754, 1.0506

■ 219.6120,
-11.6407, 0.3403

■ 209.2830,
-39.5795, 1.5058

■ 223.1310, -2.0366,
-0.1149

■ 205.8780,
-48.7469, 1.8610

■ 226.5360, 7.1308,
-0.4701

■ 202.0600,
-58.2036, 1.7014

■ 229.3280, 12.6563,
0.5893

■ 198.6550,
-67.3709, 2.0566

■ 230.2250, 12.2141,
2.4337

■ 195.2500,
-76.5383, 2.4118

■ 231.1220, 11.7719,
4.2780

■ 191.7310,
-86.1424, 2.8669

■ 232.0190, 11.3296,
6.1223

■ 189.1950,
-93.2731, 3.3370

■ 232.9160, 10.8874,
7.9667

■ 233.8130, 10.4452,
9.8110

Harmonies

Analogous

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



218.9430, -23.6359, 21.0980



216.2070, -20.8081, 0.6955



213.1810, -11.4282, -21.2067

Triad

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



216.2070, -20.8081, 0.6955



211.3220, 21.5333, -46.7634



220.4690, 2.2338, 30.2837

Complementary

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



216.2070, -20.8081, 0.6955



181.7930, 20.8081, -0.6955

Split Complementary

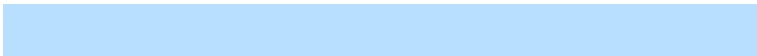
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.7480, 12.4492, 20.3920



216.2070, -20.8081, 0.6955



214.9870, 19.7264, -27.1756

Square

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



216.2070, -20.8081, 0.6955



208.8670, 14.8556, -51.6264



220.1580, 17.1771, -2.7696



218.2060, -8.9756, 32.2683

Rectangle

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



216.2070, -20.8081, 0.6955



211.2700, -3.0911, -35.3168



220.1580, 17.1771, -2.7696



222.0820, 5.8756, 28.8691

Sweetspot

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



216.2070, -20.8081, 0.6955



252.3500, -7.5675, 0.5701



193.0590, -9.3961, 27.1353



126.1480, -4.5100, -0.1298



0.0000, 0.0000, 0.0000



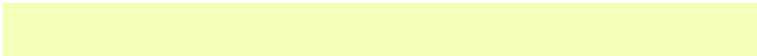
128.0000, 0.0000, 0.0000

Same Dimension

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



216.2070, -20.8081, 0.6955



244.1440, -28.6650, 0.7507



208.7320, -17.1229, -14.6740



110.4470, -4.6574, 0.4850



148.4610, -73.1913, 2.2267



40.7340, -20.0819, 1.1103

Inverse Universe

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



181.7930, 20.8081, -0.6955



196.8560, 28.6650, -0.7507



189.2680, 17.1229, 14.6740



102.8520, 4.5100, 0.1298



27.5390, 73.1913, -2.2267



7.5650, 19.9345, -0.4955

Previews

White Background



This preview shows how the YUV color 216.2070, -20.8081, 0.6955 looks on a white background.

Color Contrast Check

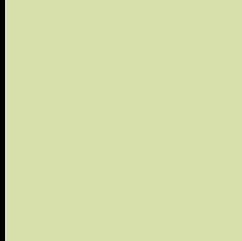
Large Text (above 18pt) WCAG AA × Fail

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 216.2070, -20.8081, 0.6955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

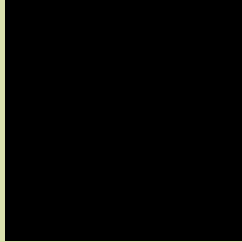
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

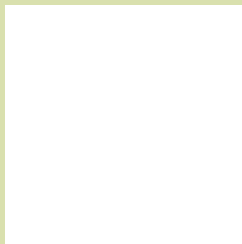
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.2070, -20.8081, 0.6955

Background



This preview shows how black text looks on a background with the YUV color 216.2070, -20.8081, 0.6955.



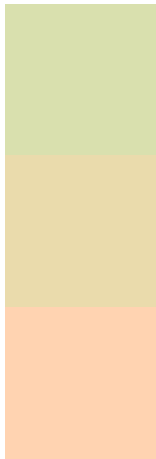
This preview shows how white text looks on a background with the YUV color 216.2070, -20.8081,

0.6955.

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

216.2070, -20.8081, 0.6955

Protanopia

218.1270, -22.7406, 13.9206

Deuteranopia

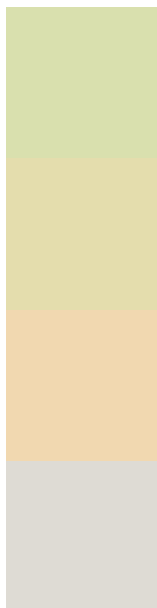
220.2800, -21.3370, 30.4494



Tritanopia

220.6290, 6.0989, 3.8334

Trichromacy



Original Color

216.2070, -20.8081, 0.6955

Protanomaly

217.6210, -21.9982, 9.1024

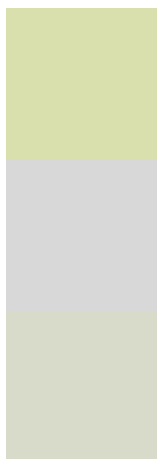
Deuteranomaly

218.9150, -21.1571, 19.3685

Tritanomaly

219.0990, -3.4998, 2.5442

Monochromacy



Original Color

216.2070, -20.8081, 0.6955

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0510, -7.4201, -0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2070, -20.8081, 0.6955 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(217, 224, 174)` looks like.

```
.text, #text, p{  
    color:rgb(217, 224, 174)  
}
```

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(217, 224, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 224, 174) }
```

Border

The CSS property to change the border of an element to YUV 216.2070, -20.8081, 0.6955 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(217, 224, 174) }
```


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

```
.border{ border-color:rgb(217, 224, 174) }
```

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

Here you see how a box with a 4 pixel rgb(217, 224, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 224, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 224, 174);  
box-shadow:4px 4px 4px 4px rgb(217, 224,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 216.2070, -20.8081, 0.6955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 224, 174) }
```

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

```
.background{ background-color: rgb(217,  
224, 174) }
```

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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