

Converting Colors

YUV(213.0720, -29.6155,
-21.1111)

Have a look what the booklet for
YUV(213.0720, -29.6155, -21.1111)
contains.

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Color

**YUV(213.0720, -29.6155,
-21.1111)**

Conversions

Conversions Part 1

Format	Color
Hex	BDED99
RGB	189, 237, 153
RGB Percent	74%, 93%, 60%
CMY	0.2588, 0.0706, 0.4000
CMYK	0.20, 0.00, 0.35, 0.07
HSL	94°, 70%, 76%
HSV	94°, 35%, 93%
XYZ	57.0202, 73.6871, 41.3547
YIQ	213.0720, -1.6440, -36.3000

Conversions

Conversions Part 2

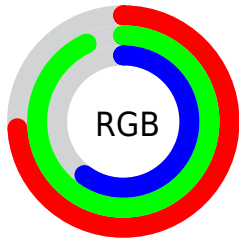
Format	Color
RYB	153, 237, 201
Decimal	12447129
CIELab	88.77, -29.92, 35.81
CIElCh	89, 46.660, 129.879
Yxy	73.6871, 0.3314, 0.4283
Android (android.graphics.Color)	4290637209 (0xFFBDED99)
YUV	213.0720, -29.6155, -21.1111
Hunter-Lab	85.8412, -31.6530, 31.5254

Details

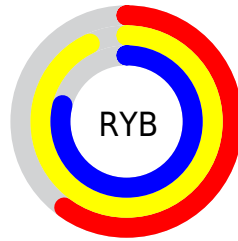
The YUV color $213.0720, -29.6155, -21.1111$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $176.9280, 29.6155, 21.1111$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9510, -19.2028, -0.8340$, and $157.8270, -28.0157, -20.8963$ is the 20% darker color. If you saturate the color by 10%, you get $206.1500, -38.0349, -27.3185$, and if you desaturate by 10%, it is $219.9940, -21.1960, -14.9037$.

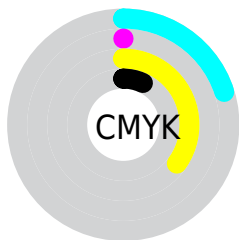
Distribution



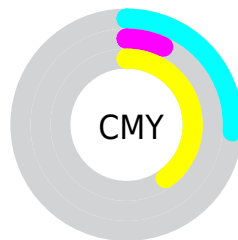
- Red (74%)
- Green (93%)
- Blue (60%)



- Red (60%)
- Yellow (93%)
- Blue (79%)



- Cyan (20%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)



- Cyan (26%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.0720, -29.6155, -21.1111 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 213.0720, -29.6155, -21.1111 by changing the saturation by 10% instead.

■ 213.0720,
-29.6155, -21.1111

■ 213.0720,
-29.6155, -21.1111

255.0000, 0.0000,
0.0000

■ 185.3000,
-28.7419, -21.3111

■ 246.9510,
-19.2028, -0.8340

■ 157.8270,
-28.0157, -20.8963

■ 252.9480, -7.8624,
1.7996

■ 131.3540,
-27.2895, -20.4815

■ 105.5820,
-26.4159, -20.6814

■ 79.9950, -26.1265,
-20.1666

■ 55.1690, -26.7053,
-21.1962

■ 33.4810, -16.5061,

-25.8548

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 213.0720,
-29.6155, -21.1111

■ 213.0720,
-29.6155, -21.1111

■ 206.1500,
-38.0349, -27.3185

■ 219.9940,
-21.1960, -14.9037

■ 199.6410,
-46.1650, -33.0112

■ 226.5030,
-13.0660, -9.2111

■ 192.7190,
-54.5845, -39.2186

■ 233.4250, -4.6465,
-3.0037

■ 186.0960,
-63.1513, -44.8112

■ 240.0480, 3.9203,
2.5889

■ 179.2880,
-71.1340, -51.1186

■ 244.4340, 5.2090,
9.2664

■ 172.6650,
-79.7008, -56.7112

■ 169.6170,
-83.6212, -59.3001

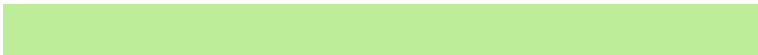
Harmonies

Analogous

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



218.5130, -41.6649, 17.0901



213.0720, -29.6155, -21.1111



204.7690, -6.7881, -62.9414

Triad

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



213.0720, -29.6155, -21.1111



198.3990, 27.9043, -83.6649



210.5410, -0.2667, 38.9905

Complementary

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



213.0720, -29.6155, -21.1111



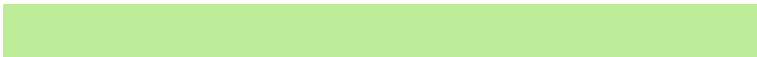
176.9280, 29.6155, 21.1111

Split Complementary

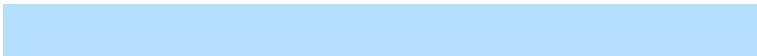
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.0190, 18.2316, 32.4323



213.0720, -29.6155, -21.1111



213.8020, 20.3106, -27.8904

Square

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



213.0720, -29.6155, -21.1111



177.0820, 38.4136, -141.2689



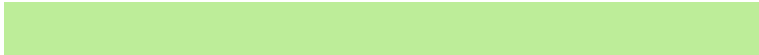
223.8450, 15.3594, 20.3069



209.8620, -20.6380, 39.5860

Rectangle

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



213.0720, -29.6155, -21.1111



197.3920, 11.6387, -93.3058



223.8450, 15.3594, 20.3069



212.2510, 6.2853, 37.4909

Sweetspot

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



213.0720, -29.6155, -21.1111



247.0240, -9.8718, -7.0370



206.2920, -26.2730, 26.9309



123.0720, -5.9515, -4.4481



0.0000, 0.0000, 0.0000



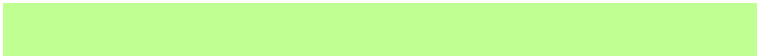
128.0000, 0.0000, 0.0000

Same Dimension

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



213.0720, -29.6155, -21.1111



223.6230, -38.7611, -27.7334



202.9920, -21.6881, -43.8430



113.9520, -3.9203, -2.5889



129.5690, -63.8775, -45.2260



38.5750, -19.0175, -13.6593

Inverse Universe

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



176.9280, 29.6155, 21.1111



176.3770, 38.7611, 27.7334



187.0080, 21.6881, 43.8430



109.0480, 3.9203, 2.5889



51.4310, 63.8775, 45.2260



15.4250, 19.0175, 13.6593

Previews

White Background



This preview shows how the YUV color 213.0720, -29.6155, -21.1111 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 213.0720, -29.6155, -21.1111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

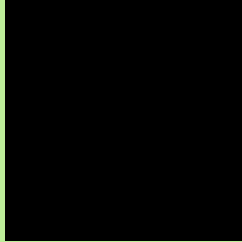
Any Text WCAG AA ✓ Pass

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 213.0720, -29.6155, -21.1111 Background



This preview shows how black text looks on a background with the YUV color 213.0720, -29.6155, -21.1111.



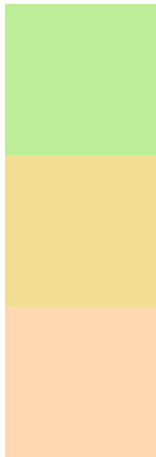
This preview shows how white text looks on a background with the YUV color 213.0720, -29.6155, -21.1111.

-21.1111.

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

213.0720, -29.6155, -21.1111

Protanopia

219.1310, -35.5606, 19.1791

Deuteranopia

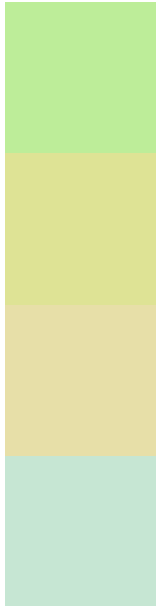
222.5140, -22.9314, 28.4902



Tritanopia

221.1750, 11.2527, -15.9395

Trichromacy



Original Color

213.0720, -29.6155, -21.1111

Protanomaly

216.6130, -33.3332, 4.7244

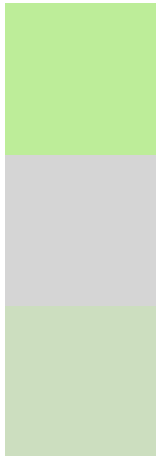
Deuteranomaly

219.1220, -25.2031, 10.4170

Tritanomaly

218.2660, -3.5821, -17.7733

Monochromacy



Original Color

213.0720, -29.6155, -21.1111

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.0840, -10.8874, -7.9667

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.0720, -29.6155, -21.1111 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(189, 237, 153)` looks like.

```
.text, #text, p{  
    color:rgb(189, 237, 153)  
}
```

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(189, 237, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 237, 153) }
```

Border

The CSS property to change the border of an element to YUV 213.0720, -29.6155, -21.1111 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(189, 237, 153) }
```


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

```
.border{ border-color:rgb(189, 237, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 237, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 237, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 237, 153);  
box-shadow:4px 4px 4px 4px rgb(189, 237,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 213.0720, -29.6155, -21.1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 237, 153) }
```

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

```
.background{ background-color: rgb(189,  
237, 153) }
```

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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