

Converting Colors

YUV(171.3230, -16.9212,
-32.7323)

Have a look what the booklet for
YUV(171.3230, -16.9212, -32.7323)
contains.

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Color

**YUV(171.3230, -16.9212,
-32.7323)**

Conversions

Conversions Part 1

Format	Color
Hex	86C589
RGB	134, 197, 137
RGB Percent	53%, 77%, 54%
CMY	0.4745, 0.2275, 0.4627
CMYK	0.32, 0.00, 0.30, 0.23
HSL	123°, 35%, 65%
HSV	123°, 32%, 77%
XYZ	34.3131, 46.8070, 30.8931
YIQ	171.3230, -18.2880, -32.0160

Conversions

Conversions Part 2

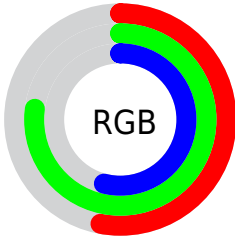
Format	Color
RYB	134, 194, 197
Decimal	8832393
CIELab	74.07, -32.19, 23.87
CIELCh	74, 40.075, 143.450
Yxy	46.8070, 0.3063, 0.4179
Android (android.graphics.Color)	4287022473 (0xFF86C589)
YUV	171.3230, -16.9212, -32.7323
Hunter-Lab	68.4156, -30.2026, 21.1185

Details

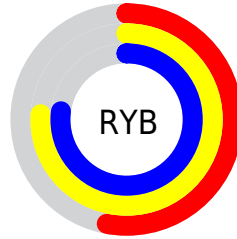
The YUV color **171.3230, -16.9212, -32.7323** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **159.6770, 16.9212, 32.7323**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.3830, -17.9368, -33.6619**, and **118.3770, -15.4689, -31.9026** is the 20% darker color. If you saturate the color by 10%, you get **163.1770, -22.2723, -43.1282**, and if you desaturate by 10%, it is **179.4690, -11.5702, -22.3363**.

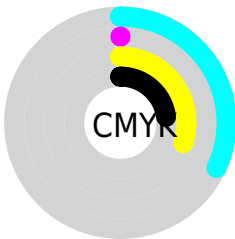
Distribution



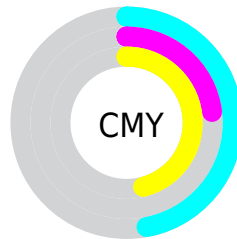
- Red (53%)
- Green (77%)
- Blue (54%)



- Red (53%)
- Yellow (76%)
- Blue (77%)



- Cyan (32%)
- Magenta (0%)
- Yellow (30%)
- Black (23%)



- Cyan (47%)
- Magenta (23%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.3230, -16.9212, -32.7323 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 171.3230, -16.9212, -32.7323 by changing the saturation by 10% instead.

■ 171.3230,
-16.9212, -32.7323

■ 171.3230,
-16.9212, -32.7323

255.0000, 0.0000,
0.0000

■ 144.7360,
-16.6318, -32.2175

■ 227.3830,
-17.9368, -33.6619

■ 118.3770,
-15.4689, -31.9026

■ 239.5340,
-10.1233, -19.7623

■ 92.6050, -14.5953,
-32.1026

■ 251.3970, -2.1677,
-4.7332

■ 67.2350, -13.4269,
-33.5321

■ 41.9680, -11.8162,
-36.8059

■ 26.4150, -13.0226,
-23.1660

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 171.3230,
-16.9212, -32.7323

■ 171.3230,
-16.9212, -32.7323

■ 163.1770,
-22.2723, -43.1282

■ 179.4690,
-11.5702, -22.3363

■ 155.3300,
-27.7707, -52.9094

■ 187.3160, -6.0718,
-12.5551

■ 147.2980,
-32.6849, -63.4053

■ 195.3480, -1.1576,
-2.0592

■ 139.1520,
-38.0359, -73.8013

■ 203.4940, 4.1935,
8.3368

■ 131.3050,
-43.5344, -83.5825

■ 211.6400, 9.5445,
18.7327

■ 123.1590,
-48.8854, -93.9784

■ 219.4870, 15.0429,
28.5139

■ 116.6650,
-53.0788, -102.3152

■ 220.9540, 16.7847,
29.8583

Harmonies

Analogous

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



176.7480, -31.4278, 0.2210



171.3230, -16.9212, -32.7323



163.0100, 4.4321, -68.4148

Triad

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



171.3230, -16.9212, -32.7323



173.5120, 40.1736, -52.1920



184.6010, -14.5933, 60.8629

Complementary

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



171.3230, -16.9212, -32.7323



159.6770, 16.9212, 32.7323

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.



186.4380, 2.7421, 53.9899



171.3230, -16.9212, -32.7323



184.0230, 32.0337, -7.9132

Square

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



171.3230, -16.9212, -32.7323



156.1550, 41.3356, -98.3599



186.9370, 19.2581, 29.8733



182.4630, -28.8223, 51.3369

Rectangle

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



171.3230, -16.9212, -32.7323



154.9000, 21.2483, -95.5053



186.9370, 19.2581, 29.8733



185.3820, -9.0623, 60.1780

Sweetspot

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



171.3230, -16.9212, -32.7323



244.7890, -6.7980, -12.9700



189.2200, -27.2235, 5.0691



121.5060, -4.1935, -8.3368



0.0000, 0.0000, 0.0000



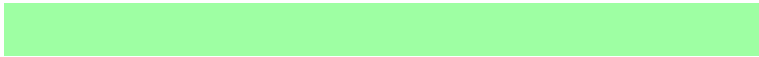
128.0000, 0.0000, 0.0000

Same Dimension

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



171.3230, -16.9212, -32.7323



215.5090, -25.8869, -50.4354



174.8570, -3.3805, -35.8316



95.2830, -2.6045, -4.6332



96.5930, -43.6763, -84.7121



21.3600, -9.5445, -18.7327

Inverse Universe

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



159.6770, 16.9212, 32.7323



197.4910, 25.8869, 50.4354



156.1430, 3.3805, 35.8316



93.7170, 2.6045, 4.6332



66.4070, 43.6763, 84.7121



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 171.3230, -16.9212, -32.7323 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 171.3230, -16.9212, -32.7323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

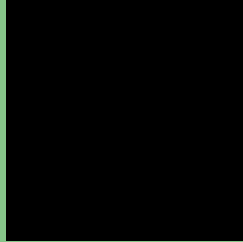
Any Text WCAG AA ✓ Pass

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 171.3230, -16.9212, -32.7323 Background



This preview shows how black text looks on a background with the YUV color 171.3230, -16.9212, -32.7323.



This preview shows how white text looks on a background with the YUV color 171.3230, -16.9212, -32.7323.

-32.7323.

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

171.3230, -16.9212, -32.7323

Protanopia

179.3720, -24.3404, 13.7058

Deuteranopia

181.7140, -19.5790, 26.5608



Tritanopia

177.8530, 12.8905, -27.9351

Trichromacy



Original Color

171.3230, -16.9212, -32.7323

Protanomaly

176.6580, -21.5234, -3.2081

Deuteranomaly

177.8100, -18.6403, 5.4286

Tritanomaly

175.6820, 2.1288, -29.5391

Monochromacy



Original Color

171.3230, -16.9212, -32.7323

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0280, -5.9298, -11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3230, -16.9212, -32.7323 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(134, 197, 137)` looks like.

```
.text, #text, p{  
    color:rgb(134, 197, 137)  
}
```

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(134, 197, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 197, 137) }
```

Border

The CSS property to change the border of an element to YUV 171.3230, -16.9212, -32.7323 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(134, 197, 137) }
```


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

```
.border{ border-color:rgb(134, 197, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 197, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 197, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 197, 137); box-shadow:4px 4px 4px 4px rgb(134, 197, 137) }
```

Background

The CSS property to change the background color of an element to YUV 171.3230, -16.9212, -32.7323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 197, 137) }
```

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

```
.background{ background-color: rgb(134,  
197, 137) }
```

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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