

Converting Colors

YUV(202.1570, -5.0074,
-27.3247)

Have a look what the booklet for
YUV(202.1570, -5.0074, -27.3247)
contains.

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Color

**YUV(202.1570, -5.0074,
-27.3247)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDCC0
RGB	171, 220, 192
RGB Percent	67%, 86%, 75%
CMY	0.3294, 0.1373, 0.2471
CMYK	0.22, 0.00, 0.13, 0.14
HSL	146°, 41%, 77%
HSV	146°, 22%, 86%
XYZ	51.9022, 63.6501, 59.4193
YIQ	202.1570, -20.2160, -19.0960

Conversions

Conversions Part 2

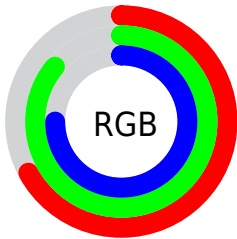
Format	Color
RYB	171, 205, 220
Decimal	11263168
CIELab	83.78, -21.42, 8.60
CIELCh	84, 23.081, 158.118
Yxy	63.6501, 0.2966, 0.3638
Android (android.graphics.Color)	4289453248 (0xFFABDCC0)
YUV	202.1570, -5.0074, -27.3247
Hunter-Lab	79.7810, -23.4921, 11.6887

Details

The YUV color $202.1570, -5.0074, -27.3247$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $188.8430, 5.0074, 27.3247$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.8300, 1.0698, -16.5139$, and $147.9830, -4.4286, -26.2951$ is the 20% darker color. If you saturate the color by 10%, you get $194.0970, -7.4428, -39.5501$, and if you desaturate by 10%, it is $210.2170, -2.5720, -15.0993$.

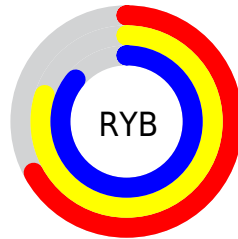
Distribution



Red (67%)

Green (86%)

Blue (75%)



Red (67%)

Yellow (80%)

Blue (86%)

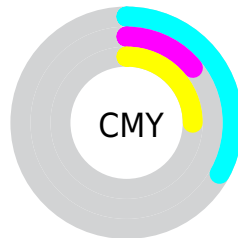


Cyan (22%)

Magenta (0%)

Yellow (13%)

Black (14%)



Cyan (33%)

Magenta (14%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.1570, -5.0074, -27.3247 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 202.1570, -5.0074, -27.3247 by changing the saturation by 10% instead.

■ 202.1570, -5.0074,
-27.3247

■ 202.1570, -5.0074,
-27.3247

255.0000, 0.0000,
0.0000

■ 174.5700, -4.7180,
-26.8099

■ 245.8300, 1.0698,
-16.5139

■ 147.9830, -4.4286,
-26.2951

■ 121.3960, -4.1392,
-25.7803

■ 96.8090, -3.8498,
-25.2655

■ 72.2220, -3.5604,
-24.7507

■ 48.1510, -2.5394,
-25.5654

■ 27.2760, -2.1081,

-23.9211

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 202.1570, -5.0074,
-27.3247

■ 202.1570, -5.0074,
-27.3247

■ 194.0970, -7.4428,
-39.5501

■ 210.2170, -2.5720,
-15.0993

■ 186.1510, -9.4414,
-51.8754

■ 218.1630, -0.5734,
-2.7740

■ 178.0910,
-11.8769, -64.1008

■ 226.2230, 1.8621,
9.4514

■ 170.1450,
-13.8755, -76.4262

■ 232.9730, 4.4503,
19.3177

■ 162.0850,
-16.3109, -88.6515

■ 234.4550, 10.1287,
18.0180

■ 154.1390,
-18.3095, -100.9769

■ 146.0790,
-20.7449, -113.2023

■ 139.8560,
-22.6070, -122.6537

Harmonies

Analogous

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



204.9330, -15.2500, -8.7112



202.1570, -5.0074, -27.3247



200.4570, 6.6767, -41.6198

Triad

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



202.1570, -5.0074, -27.3247



208.8190, 21.2882, -14.7503



211.2620, -13.9332, 35.7272

Complementary

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



202.1570, -5.0074, -27.3247



188.8430, 5.0074, 27.3247

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.



212.7810, -4.3290, 35.2721



202.1570, -5.0074, -27.3247



211.4690, 15.5448, 7.4817

Square

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



202.1570, -5.0074, -27.3247



204.5130, 21.9321, -34.6529



213.1740, 6.3232, 25.2804



209.6000, -20.0158, 26.6608

Rectangle

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



202.1570, -5.0074, -27.3247



200.3840, 14.1077, -45.0638



213.1740, 6.3232, 25.2804



211.9570, -11.3178, 36.8717

Sweetspot

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



202.1570, -5.0074, -27.3247



248.4780, -1.7147, -10.0662



208.4340, -18.4550, -7.3966



124.0270, -0.9993, -6.1627



0.0000, 0.0000, 0.0000



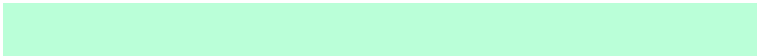
128.0000, 0.0000, 0.0000

Same Dimension

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



202.1570, -5.0074, -27.3247



229.9230, -6.8640, -38.5205



204.8930, 5.4758, -29.7242



105.9130, -1.4361, -6.0627



109.9870, -17.7416, -96.4586



29.2820, -4.5760, -25.6803

Inverse Universe

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



188.8430, 5.0074, 27.3247



211.0770, 6.8640, 38.5205



186.1070, -5.4758, 29.7242



102.9730, 0.9993, 6.1627



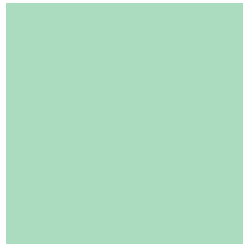
63.0130, 17.7416, 96.4586



16.7180, 4.5760, 25.6803

Previews

White Background



This preview shows how the YUV color 202.1570, -5.0074, -27.3247 looks on a white background.

Color Contrast Check

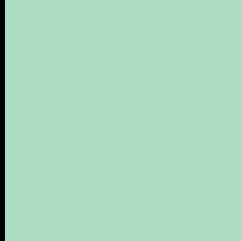
Large Text (above 18pt) WCAG AA × Fail

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 202.1570, -5.0074, -27.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

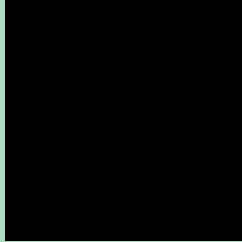
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

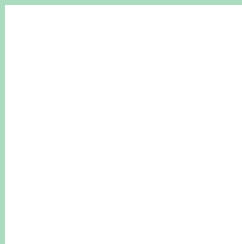
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 202.1570, -5.0074, -27.3247

Background



This preview shows how black text looks on a background with the YUV color 202.1570, -5.0074, -27.3247.



This preview shows how white text looks on a background with the YUV color 202.1570, -5.0074,

-27.3247.

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

202.1570, -5.0074, -27.3247

Protanopia

208.0690, -11.3730, 7.8325

Deuteranopia

209.9980, -6.9010, 20.1728



Tritanopia

205.1740, 12.7322, -23.8316

Trichromacy



Original Color

202.1570, -5.0074, -27.3247

Protanomaly

205.6760, -8.7143, -4.9779

Deuteranomaly

207.1160, -5.9732, 2.5293

Tritanomaly

203.8550, 6.4805, -25.3058

Monochromacy



Original Color

202.1570, -5.0074, -27.3247

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.3640, -2.1515, -9.9662

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.1570, -5.0074, -27.3247 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(171, 220, 192)` looks like.

```
.text, #text, p{  
    color:rgb(171, 220, 192)  
}
```

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(171, 220, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 220, 192) }
```

Border

The CSS property to change the border of an element to YUV 202.1570, -5.0074, -27.3247 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(171, 220, 192) }
```


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

```
.border{ border-color:rgb(171, 220, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 220, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 220, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 220, 192); box-shadow:4px 4px 4px 4px rgb(171, 220, 192) }
```

Background

The CSS property to change the background color of an element to YUV 202.1570, -5.0074, -27.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 220, 192) }
```

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

```
.background{ background-color: rgb(171,  
220, 192) }
```

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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