

Converting Colors

YUV(203.0170, -2.4734, -0.0149)

Have a look what the booklet for
YUV(203.0170, -2.4734, -0.0149)
contains.

YUV(203.0170, -2.4734, -0.0149)	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(203.0170, -2.4734,
-0.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCCCC
RGB	203, 204, 198
RGB Percent	80%, 80%, 78%
CMY	0.2039, 0.2000, 0.2235
CMYK	0.00, 0.00, 0.03, 0.20
HSL	70°, 6%, 79%
HSV	70°, 3%, 80%
XYZ	56.4145, 59.9595, 62.0260
YIQ	203.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

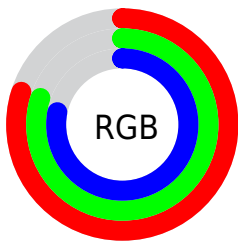
Format	Color
RYB	198, 204, 199
Decimal	13356230
CIELab	81.82, -1.42, 2.85
CIELCh	82, 3.190, 116.497
Yxy	59.9595, 0.3162, 0.3361
Android (android.graphics.Color)	4291546310 (0xFFCBCCC6)
YUV	203.0170, -2.4734, -0.0149
Hunter-Lab	77.4335, -5.4617, 6.7108

Details

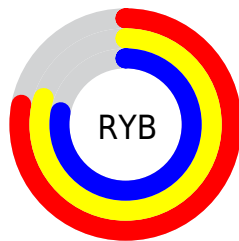
The YUV color $203.0170, -2.4734, -0.0149$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.9830, 2.4734, 0.0149$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $149.0170, -2.4734, -0.0149$ is the 20% darker color. If you saturate the color by 10%, you get $199.8400, -10.7671, 0.1403$, and if you desaturate by 10%, it is $206.1940, 5.8204, -0.1701$.

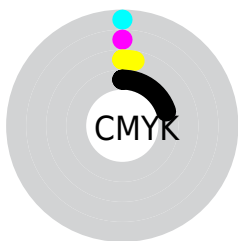
Distribution



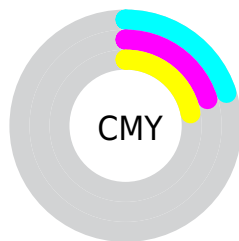
- Red (80%)
- Green (80%)
- Blue (78%)



- Red (78%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.0170, -2.4734, -0.0149 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 203.0170, -2.4734, -0.0149 by changing the saturation by 10% instead.

■ 203.0170, -2.4734,
-0.0149

■ 203.0170, -2.4734,
-0.0149

255.0000, 0.0000,
0.0000

■ 176.0170, -2.4734,
-0.0149

■ 149.0170, -2.4734,
-0.0149

■ 123.1310, -2.0366,
-0.1149

■ 98.1310, -2.0366,
-0.1149

■ 74.4300, -2.1840,
0.4999

■ 52.1310, -2.0366,
-0.1149

■ 31.1310, -2.0366,

-0.1149

■ 5.9030, -2.9102,
0.0851

■ 0.0000, 0.0000,
0.0000

■ 203.0170, -2.4734,
-0.0149

■ 203.0170, -2.4734,
-0.0149

■ 199.8400,
-10.7671, 0.1403

■ 206.1940, 5.8204,
-0.1701

■ 196.2500,
-19.3502, -0.2192

■ 209.7840, 14.4035,
0.1894

■ 193.0730,
-27.6440, -0.0640

■ 212.5050, 20.9500,
0.4341

■ 189.4830,
-36.2271, -0.4236

■ 213.7010, 20.3604,
2.8932

■ 186.3060,
-44.5209, -0.2684

■ 214.5980, 19.9182,
4.7376

■ 183.1290,
-52.8146, -0.1131

■ 215.4950, 19.4760,
6.5819

■ 179.5390,
-61.3977, -0.4727

■ 216.6910, 18.8863,
9.0410

■ 176.3620,
-69.6915, -0.3175

■ 217.5880, 18.4441,
10.8853

■ 172.7720,
-78.2746, -0.6770

■ 218.7840, 17.8545,
13.3444

Harmonies

Analogous

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



203.2130, -3.0630, 2.4442



203.0170, -2.4734, -0.0149



202.9350, -1.4470, -2.5740

Triad

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



203.0170, -2.4734, -0.0149



202.9500, 2.4897, -5.2181



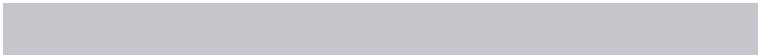
203.7340, 0.1311, 4.6183

Complementary

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



203.0170, -2.4734, -0.0149



198.9830, 2.4734, 0.0149

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.



204.0650, 1.4470, 2.5740



203.0170, -2.4734, -0.0149



203.3740, 2.7736, -2.9590

Square

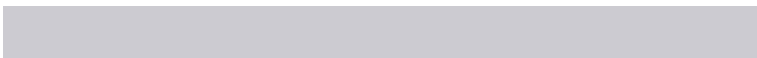
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203.0170, -2.4734, -0.0149



202.4230, 1.7635, -5.6330



203.9830, 2.4734, 0.0149



204.2780, -1.6161, 5.0182

Rectangle

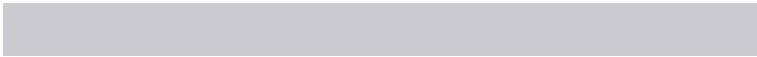
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203.0170, -2.4734, -0.0149



202.5650, -0.2785, -4.0035



203.9830, 2.4734, 0.0149



204.4350, 0.2785, 4.0035

Sweetspot

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



203.0170, -2.4734, -0.0149



254.6580, -1.3104, 0.2999



200.3810, -1.1738, 3.1739



127.4730, -0.7262, -0.4148



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.



203.0170, -2.4734, -0.0149



253.2620, -4.0732, -0.2298



202.1200, -2.0312, -1.8592



101.1310, -2.0366, -0.1149



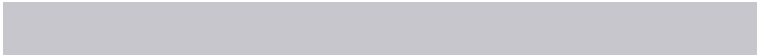
138.7040, -68.3811, -0.6174



31.8740, -15.7139, 0.1105

Inverse Universe

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



198.9830, 2.4734, 0.0149



246.7380, 4.0732, 0.2298



199.8800, 2.0312, 1.8592



97.8690, 2.0366, 0.1149



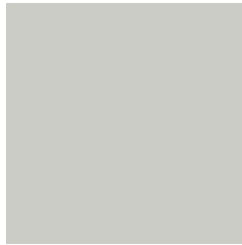
27.2960, 68.3811, 0.6174



6.1260, 15.7139, -0.1105

Previews

White Background



This preview shows how the YUV color 203.0170, -2.4734, -0.0149 looks on a white background.

Color Contrast Check

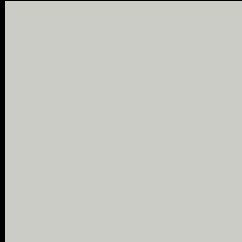
Large Text (above 18pt) WCAG AA × Fail

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 203.0170, -2.4734, -0.0149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

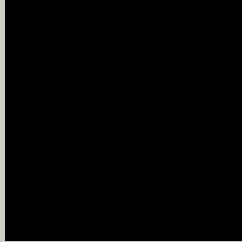
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

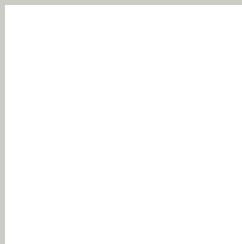
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.0170, -2.4734, -0.0149

Background



This preview shows how black text looks on a background with the YUV color 203.0170, -2.4734, -0.0149.



This preview shows how white text looks on a background with the YUV color 203.0170, -2.4734, -0.0149.

-0.0149.

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

203.0170, -2.4734, -0.0149

Protanopia

203.2240, -3.0684, 4.1886

Deuteranopia

205.3010, -3.1064, 16.3990



Tritanopia

204.3190, 6.2517, 1.4742

Trichromacy



Original Color

203.0170, -2.4734, -0.0149

Protanomaly

203.2130, -3.0630, 2.4442

Deuteranomaly

204.6700, -2.7953, 9.9364

Tritanomaly

203.8090, 3.0522, 1.0445

Monochromacy



Original Color

203.0170, -2.4734, -0.0149

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.7720, -0.8736, 0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.0170, -2.4734, -0.0149 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(203, 204, 198)` looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 198)  
}
```

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(203, 204, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 198) }
```

Border

The CSS property to change the border of an element to YUV 203.0170, -2.4734, -0.0149 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(203, 204, 198) }
```


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

```
.border{ border-color:rgb(203, 204, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 198);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 203.0170, -2.4734, -0.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 198) }
```

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

```
.background{ background-color: rgb(203,  
204, 198) }
```

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