

Converting Colors

YUV(170.2310, -30.6799,
-6.3416)

Have a look what the booklet for
YUV(170.2310, -30.6799, -6.3416)
contains.

YUV(170.2310, -30.6799, -6.3416)	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(170.2310, -30.6799,
-6.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BA6C
RGB	163, 186, 108
RGB Percent	64%, 73%, 42%
CMY	0.3608, 0.2706, 0.5765
CMYK	0.12, 0.00, 0.42, 0.27
HSL	78°, 36%, 58%
HSV	78°, 42%, 73%
XYZ	35.3699, 43.9871, 20.8135
YIQ	170.2310, 11.3300, -29.1340

Conversions

Conversions Part 2

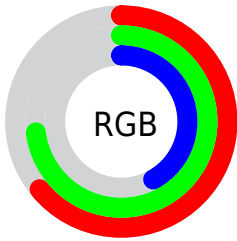
Format	Color
RYB	108, 186, 131
Decimal	10730092
CIELab	72.22, -20.62, 36.89
CIELCh	72, 42.263, 119.199
Yxy	43.9871, 0.3531, 0.4391
Android (android.graphics.Color)	4288920172 (0xFFA3BA6C)
YUV	170.2310, -30.6799, -6.3416
Hunter-Lab	66.3227, -20.8707, 27.8194

Details

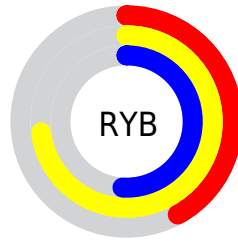
The YUV color **170.2310, -30.6799, -6.3416** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **123.7690, 30.6799, 6.3416**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.8890, -31.9903, -6.0417**, and **117.5730, -29.3695, -6.6415** is the 20% darker color. If you saturate the color by 10%, you get **166.5700, -38.2420, -7.5159**, and if you desaturate by 10%, it is **173.8920, -23.1178, -5.1673**.

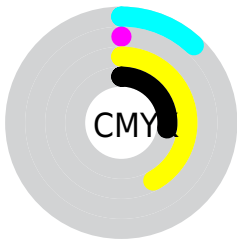
Distribution



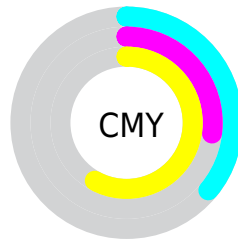
- Red (64%)
- Green (73%)
- Blue (42%)



- Red (42%)
- Yellow (73%)
- Blue (51%)



- Cyan (12%)
- Magenta (0%)
- Yellow (42%)
- Black (27%)



- Cyan (36%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.2310, -30.6799, -6.3416 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 170.2310, -30.6799, -6.3416 by changing the saturation by 10% instead.

■ 170.2310,
-30.6799, -6.3416

■ 170.2310,
-30.6799, -6.3416

255.0000, 0.0000,
0.0000

■ 143.4590,
-29.8063, -6.5415

■ 225.8890,
-31.9903, -6.0417

■ 117.5730,
-29.3695, -6.6415

■ 245.2690,
-28.2336, 2.3951

■ 92.3880, -28.7853,
-7.3563

■ 250.5540,
-17.0351, 3.8991

■ 67.5730, -29.3695,
-6.6415

■ 253.8600, -4.3680,
0.9998

■ 46.2830, -22.8175,
-8.1412

■ 25.5950, -12.6183,
-12.7998

■ 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 170.2310,
-30.6799, -6.3416

■ 170.2310,
-30.6799, -6.3416

■ 166.5700,
-38.2420, -7.5159

■ 173.8920,
-23.1178, -5.1673

■ 162.7240,
-45.2199, -9.4049

■ 177.7380,
-16.1398, -3.2782

■ 159.0630,
-52.7821, -10.5793

■ 181.3990, -8.5777,
-2.1039

■ 155.2170,
-59.7600, -12.4683

■ 185.2450, -1.5998,
-0.2149

■ 151.5560,
-67.3221, -13.6426

■ 188.9060, 5.9623,
0.9594

■ 148.3510,
-73.1370, -15.2168

■ 192.8660, 13.3771,
2.7485

■ 196.4130, 20.5024,
4.0228

■ 200.1450, 27.0435,
6.0118

■ 201.6400, 26.3065,
9.0857

Harmonies

Analogous

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



174.1210, -37.0347, 25.3269



170.2310, -30.6799, -6.3416



164.0660, -13.8365, -42.1539

Triad

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



170.2310, -30.6799, -6.3416



145.3860, 47.6307, -110.8405



180.3740, -0.1844, 59.3080

Complementary

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



170.2310, -30.6799, -6.3416



123.7690, 30.6799, 6.3416

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.



182.1120, 17.1998, 36.7358



170.2310, -30.6799, -6.3416



169.8870, 41.4677, -47.2589

Square

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



170.2310, -30.6799, -6.3416



139.9210, 36.0279, -122.7107



179.3660, 31.8646, -0.3210



178.8740, -18.6719, 62.3775

Rectangle

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



170.2310, -30.6799, -6.3416



157.6140, 1.6693, -68.9445



179.3660, 31.8646, -0.3210



181.5350, 5.6522, 53.9048

Sweetspot

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



170.2310, -30.6799, -6.3416



235.7750, -12.2141, -2.4337



144.2360, -17.8643, 36.6270



118.3390, -7.5621, -1.1743



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



170.2310, -30.6799, -6.3416



217.7410, -47.6933, -9.4199



158.8690, -25.0784, -29.7031



90.0770, -3.4890, -0.9445



124.4620, -61.3598, -12.6832



22.4160, -11.0511, -2.1188

Inverse Universe

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



123.7690, 30.6799, 6.3416



145.5580, 47.5459, 10.0346



135.1310, 25.0784, 29.7031



84.6240, 3.6364, 0.3298



31.5380, 61.3598, 12.6832



5.5840, 11.0511, 2.1188

Previews

White Background



This preview shows how the YUV color 170.2310, -30.6799, -6.3416 looks on a white background.

Color Contrast Check

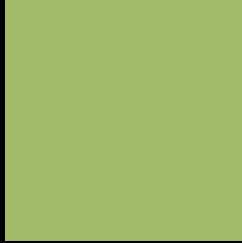
Large Text (above 18pt) WCAG AA × Fail

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 170.2310, -30.6799, -6.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

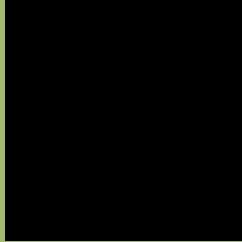
Any Text WCAG AA ✓ Pass

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 170.2310, -30.6799, -6.3416 Background



This preview shows how black text looks on a background with the YUV color 170.2310, -30.6799, -6.3416.



This preview shows how white text looks on a background with the YUV color 170.2310, -30.6799, -6.3416.

-6.3416.

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

170.2310, -30.6799, -6.3416

Protanopia

173.5760, -33.8080, 17.0348

Deuteranopia

175.6580, -31.3834, 32.7489



Tritanopia

176.9980, 6.4100, -2.6292

Trichromacy



Original Color

170.2310, -30.6799, -6.3416

Protanomaly

172.1620, -32.6179, 8.6279

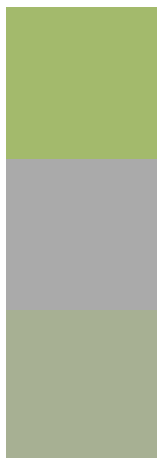
Deuteranomaly

173.6840, -30.9032, 18.6941

Tritanomaly

174.7300, -7.2619, -4.1482

Monochromacy



Original Color

170.2310, -30.6799, -6.3416

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.0030, -11.3405, -2.6336

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.2310, -30.6799, -6.3416 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(163, 186, 108)` looks like.

```
.text, #text, p{  
    color:rgb(163, 186, 108)  
}
```

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(163, 186, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 186, 108) }
```

Border

The CSS property to change the border of an element to YUV 170.2310, -30.6799, -6.3416 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(163, 186, 108) }
```


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

```
.border{ border-color:rgb(163, 186, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 186, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 186, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 186, 108);  
box-shadow:4px 4px 4px 4px rgb(163, 186,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 170.2310, -30.6799, -6.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 186, 108) }
```

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

```
.background{ background-color: rgb(163,  
186, 108) }
```

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