

Converting Colors

YUV(170.5660, -62.3970,
-6.6354)

Have a look what the booklet for
YUV(170.5660, -62.3970, -6.6354)
contains.

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Color

**YUV(170.5660, -62.3970,
-6.6354)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C72C
RGB	163, 199, 44
RGB Percent	64%, 78%, 17%
CMY	0.3608, 0.2196, 0.8275
CMYK	0.18, 0.00, 0.78, 0.22
HSL	74°, 64%, 48%
HSV	74°, 78%, 78%
XYZ	35.9823, 48.8152, 9.9087
YIQ	170.5660, 28.2990, -55.8370

Conversions

Conversions Part 2

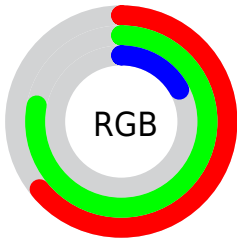
Format	Color
RYB	44, 199, 80
Decimal	10733356
CIELab	75.34, -31.99, 67.52
CIElCh	75, 74.710, 115.350
Yxy	48.8152, 0.3799, 0.5154
Android (android.graphics.Color)	4288923436 (0xFFA3C72C)
YUV	170.5660, -62.3970, -6.6354
Hunter-Lab	69.8679, -30.3405, 40.4990

Details

The YUV color **170.5660, -62.3970, -6.6354** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **72.4340, 62.3970, 6.6354**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5060, -61.3815, -5.7058**, and **117.1080, -57.7342, -8.8647** is the 20% darker color. If you saturate the color by 10%, you get **166.7910, -70.3960, -7.7097**, and if you desaturate by 10%, it is **174.3410, -54.3981, -5.5611**.

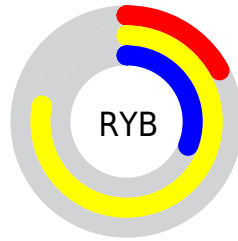
Distribution



Red (64%)

Green (78%)

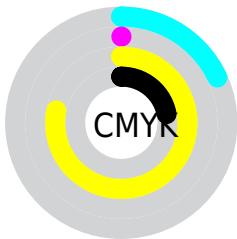
Blue (17%)



Red (17%)

Yellow (78%)

Blue (31%)

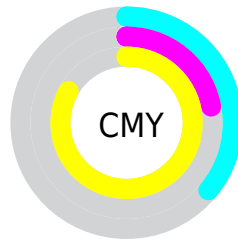


Cyan (18%)

Magenta (0%)

Yellow (78%)

Black (22%)



Cyan (36%)

Magenta (22%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5660, -62.3970, -6.6354 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 170.5660, -62.3970, -6.6354 by changing the saturation by 10% instead.

■ 170.5660,
-62.3970, -6.6354

■ 170.5660,
-62.3970, -6.6354

■ 255.0000, 0.0000,
0.0000

■ 141.3290,
-69.6752, -5.5505

■ 227.5060,
-61.3815, -5.7058

■ 117.1080,
-57.7342, -8.8647

■ 239.6680,
-53.5733, 9.9382

■ 93.4740, -46.0827,
-12.6937

■ 244.0560,
-41.9326, 9.5979

■ 70.7260, -34.8679,
-16.4227

■ 247.2480,
-29.7023, 6.7985

■ 47.3690, -23.3529,
-23.1256

■ 250.5540,
-17.0351, 3.8991

■ 27.5890, -13.6014,
-24.1956

■ 253.9740, -3.9312,

■ 15.8490, -7.8136,

0.8998

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 170.5660,
-62.3970, -6.6354

■ 170.5660,
-62.3970, -6.6354

■ 166.7910,
-70.3960, -7.7097

■ 174.3410,
-54.3981, -5.5611

■ 163.3150,
-78.5423, -8.1693

■ 177.8170,
-46.2518, -5.1015

■ 162.5600,
-80.1421, -8.3841

■ 181.5920,
-38.2529, -4.0272

■ 185.0680,
-30.1065, -3.5676

■ 188.8430,
-22.1076, -2.4933

■ 192.5040,
-14.5455, -1.3190

■ 195.9800, -6.3991,
-0.8595

■ 199.7550, 1.5998,
0.2149

■ 203.5300, 9.5987,
1.2892

Harmonies

Analogous

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



176.3940, -74.6372, 46.1355



170.5660, -62.3970, -6.6354



154.4360, -25.3579, -80.1894

Triad

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



170.5660, -62.3970, -6.6354



153.5140, 50.0326, -134.6318



168.7840, 14.8965, 75.6114

Complementary

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



170.5660, -62.3970, -6.6354



72.4340, 62.3970, 6.6354

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.



188.0820, 32.9906, 58.6871



170.5660, -62.3970, -6.6354



144.7090, 54.3735, -126.9098

Square

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



170.5660, -62.3970, -6.6354



155.6680, 43.0547, -136.5208



179.3690, 37.2861, -12.6016



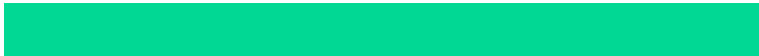
164.5540, -16.5421, 79.3211

Rectangle

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



170.5660, -62.3970, -6.6354



143.6640, 2.1376, -125.9933



179.3690, 37.2861, -12.6016



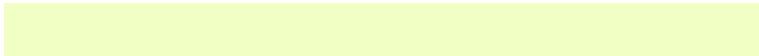
174.3410, 23.4959, 70.7379

Sweetspot

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



170.5660, -62.3970, -6.6354



244.0880, -23.7074, -2.7082



110.3030, -32.6874, 77.7873



121.2050, -14.3981, -1.9338



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.



170.5660, -62.3970, -6.6354



211.5370, -95.4137, -10.1179



148.1410, -51.3415, -52.7437



97.3760, -3.6364, -0.3298



133.0560, -65.5966, -7.0651



29.2050, -14.3981, -1.9338

Inverse Universe

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



72.4340, 62.3970, 6.6354



61.4630, 95.4137, 10.1179



94.8590, 51.3415, 52.7437



91.6240, 3.6364, 0.3298



29.9440, 65.5966, 7.0651



6.4960, 14.5455, 1.3190

Previews

White Background



This preview shows how the YUV color 170.5660, -62.3970, -6.6354 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 170.5660, -62.3970, -6.6354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

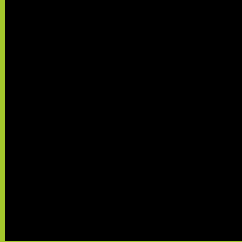
Any Text WCAG AA ✓ Pass

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 170.5660, -62.3970, -6.6354 Background



This preview shows how black text looks on a background with the YUV color 170.5660, -62.3970, -6.6354.



This preview shows how white text looks on a background with the YUV color 170.5660, -62.3970, -6.6354.

-6.6354.

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

170.5660, -62.3970, -6.6354

Protanopia

175.4610, -66.2893, 28.5367

Deuteranopia

178.9500, -61.1074, 46.5248



Tritanopia

184.9160, 7.4364, -5.1883

Trichromacy



Original Color

170.5660, -62.3970, -6.6354

Protanomaly

173.7260, -64.9409, 16.0263

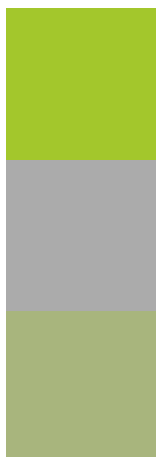
Deuteranomaly

175.7150, -61.4845, 27.4369

Tritanomaly

179.5590, -18.0236, -5.7522

Monochromacy



Original Color

170.5660, -62.3970, -6.6354

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.7290, -22.5444, -2.3933

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5660, -62.3970, -6.6354 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, 199, 44)` looks like.

```
.text, #text, p{  
    color:rgb(163, 199, 44)  
}
```

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, 199, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 199, 44) }
```

Border

The CSS property to change the border of an element to YUV 170.5660, -62.3970, -6.6354 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, 199, 44) }
```


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

```
.border{ border-color:rgb(163, 199, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 199, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 199, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 199, 44);  
box-shadow:4px 4px 4px 4px rgb(163, 199,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 170.5660, -62.3970, -6.6354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 199, 44) }
```

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

```
.background{ background-color: rgb(163,  
199, 44) }
```

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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