

Converting Colors

YUV(148.5860, -62.8999,
-32.0859)

Have a look what the booklet for
YUV(148.5860, -62.8999, -32.0859)
contains.

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Color

**YUV(148.5860, -62.8999,
-32.0859)**

Conversions

Conversions Part 1

Format	Color
Hex	70C015
RGB	112, 192, 21
RGB Percent	44%, 75%, 8%
CMY	0.5608, 0.2471, 0.9176
CMYK	0.42, 0.00, 0.89, 0.25
HSL	88°, 80%, 42%
HSV	88°, 89%, 75%
XYZ	25.6671, 41.1982, 7.3087
YIQ	148.5860, 7.2110, -70.1410

Conversions

Conversions Part 2

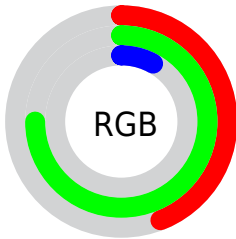
Format	Color
RYB	21, 192, 101
Decimal	7389205
CIELab	70.31, -48.86, 67.54
CIELCh	70, 83.359, 125.885
Yxy	41.1982, 0.3460, 0.5554
Android (android.graphics.Color)	4285579285 (0xFF70C015)
YUV	148.5860, -62.8999, -32.0859
Hunter-Lab	64.1858, -40.9453, 38.1788

Details

The YUV color **148.5860, -62.8999, -32.0859** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **64.4140, 62.8999, 32.0859**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9110, -59.1161, -32.3709**, and **96.5540, -47.6011, -39.0739** is the 20% darker color. If you saturate the color by 10%, you get **143.7290, -69.8724, -35.7193**, and if you desaturate by 10%, it is **153.4430, -55.9274, -28.4525**.

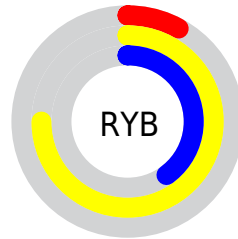
Distribution



Red (44%)

Green (75%)

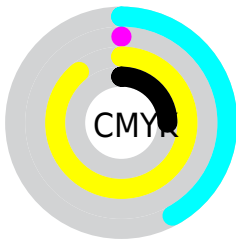
Blue (8%)



Red (8%)

Yellow (75%)

Blue (40%)

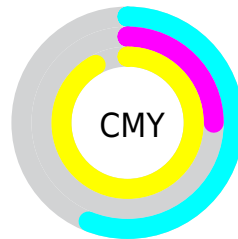


Cyan (42%)

Magenta (0%)

Yellow (89%)

Black (25%)



Cyan (56%)

Magenta (25%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.5860, -62.8999, -32.0859 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 148.5860, -62.8999, -32.0859 by changing the saturation by 10% instead.

■ 148.5860,
-62.8999, -32.0859

■ 148.5860,
-62.8999, -32.0859

255.0000, 0.0000,
0.0000

■ 121.0850,
-59.6949, -33.4005

■ 206.9110,
-59.1161, -32.3709

■ 96.5540, -47.6011,
-39.0739

■ 222.2960,
-52.8969, -20.4306

■ 68.7340, -33.8859,
-51.5097

■ 234.4580,
-45.0888, -4.7867

■ 50.4820, -24.8876,
-44.2727

■ 245.5380,
-36.2542, 8.2982

■ 36.3940, -17.9422,
-31.9175

■ 248.8440,
-23.5871, 5.3988

■ 24.0670, -11.8650,
-21.1068

■ 252.1500,

■ 1.1740, -0.5788,

-10.9200, 2.4994

-1.0296

■ 0.0000, 0.0000,
0.0000

■ 148.5860,
-62.8999, -32.0859

■ 148.5860,
-62.8999, -32.0859

■ 143.7290,
-69.8724, -35.7193

■ 153.4430,
-55.9274, -28.4525

■ 143.2020,
-70.5986, -36.1342

■ 158.3000,
-48.9549, -24.8191

■ 163.2710,
-41.5456, -21.2857

■ 168.1280,
-34.5731, -17.6523

■ 172.9850,
-27.6006, -14.0188

■ 177.8420,
-20.6281, -10.3854

■ 182.6990,
-13.6556, -6.7520

■ 187.6700, -6.2463,
-3.2186

■ 192.5270, 0.7262,
0.4148

Harmonies

Analogous

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



159.2580, -78.5142, 29.5917



148.5860, -62.8999, -32.0859



130.6580, -12.1564, -114.5871

Triad

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



148.5860, -62.8999, -32.0859



144.1220, 54.6629, -126.3950



145.5540, 7.1219, 95.9841

Complementary

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



148.5860, -62.8999, -32.0859



64.4140, 62.8999, 32.0859

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.



165.2570, 34.3833, 78.7046



148.5860, -62.8999, -32.0859



132.9690, 60.1613, -116.6138

Square

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



148.5860, -62.8999, -32.0859



149.4050, 52.0583, -131.0282



170.4080, 41.7039, 17.1822



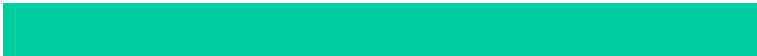
150.1460, -31.1310, 91.9570

Rectangle

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



148.5860, -62.8999, -32.0859



138.4610, 10.1257, -121.4303



170.4080, 41.7039, 17.1822



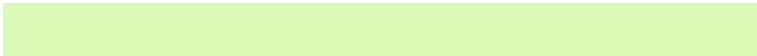
149.6920, 17.8998, 92.3551

Sweetspot

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



148.5860, -62.8999, -32.0859



232.6800, -24.9852, -12.8744



119.0890, -48.3579, 63.9429



114.7590, -14.6712, -7.6816



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



148.5860, -62.8999, -32.0859



186.5170, -91.9529, -46.9344



123.1710, -50.3703, -84.3420



94.3650, -3.6309, -2.0741



119.9220, -59.1215, -30.6266



24.7530, -12.2032, -5.9224

Inverse Universe

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



64.4140, 62.8999, 32.0859



63.4830, 91.9529, 46.9344



89.8290, 50.3703, 84.3420



89.6350, 3.6309, 2.0741



40.7790, 59.2690, 30.0118



8.5460, 12.0558, 6.5372

Previews

White Background



This preview shows how the YUV color 148.5860, -62.8999, -32.0859 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 148.5860, -62.8999, -32.0859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

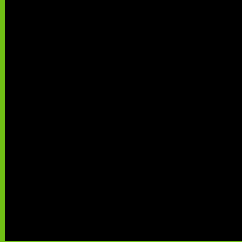
Any Text WCAG AA ✓ Pass

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 148.5860, -62.8999, -32.0859 Background



This preview shows how black text looks on a background with the YUV color 148.5860, -62.8999, -32.0859.



This preview shows how white text looks on a background with the YUV color 148.5860, -62.8999, -32.0859.

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

148.5860, -62.8999, -32.0859

Protanopia

159.4520, -72.6938, 29.4216

Deuteranopia

164.2810, -59.7915, 44.4806



Tritanopia

167.1410, 12.7485, -29.0647

Trichromacy



Original Color

148.5860, -62.8999, -32.0859

Protanomaly

155.8190, -69.4238, 7.1747

Deuteranomaly

158.7630, -61.0152, 16.8708

Tritanomaly

160.5020, -15.0375, -30.2583

Monochromacy



Original Color

148.5860, -62.8999, -32.0859

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1470, -23.2435, -11.5299

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.5860, -62.8999, -32.0859 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(112, 192, 21)` looks like.

```
.text, #text, p{  
    color:rgb(112, 192, 21)  
}
```

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(112, 192, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 192, 21) }
```

Border

The CSS property to change the border of an element to YUV 148.5860, -62.8999, -32.0859 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(112, 192, 21) }
```


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

```
.border{ border-color:rgb(112, 192, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 192, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 192, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 192, 21);  
box-shadow:4px 4px 4px 4px rgb(112, 192,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 148.5860, -62.8999, -32.0859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 192, 21) }
```

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

```
.background{ background-color: rgb(112,  
192, 21) }
```

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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