

Converting Colors

YUV(139.4370, -33.2464,
-23.1852)

Have a look what the booklet for
YUV(139.4370, -33.2464, -23.1852)
contains.

YUV(139.4370, -33.2464, -23.1852)	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(139.4370, -33.2464,
-23.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	71A648
RGB	113, 166, 72
RGB Percent	44%, 65%, 28%
CMY	0.5569, 0.3490, 0.7176
CMYK	0.32, 0.00, 0.57, 0.35
HSL	94°, 39%, 47%
HSV	94°, 57%, 65%
XYZ	21.6160, 31.2510, 11.0237
YIQ	139.4370, -1.4140, -40.4700

Conversions

Conversions Part 2

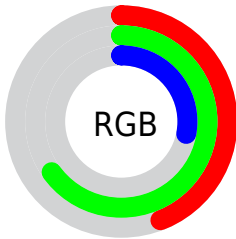
Format	Color
RYB	72, 166, 125
Decimal	7448136
CIELab	62.72, -34.11, 42.51
CIElCh	63, 54.500, 128.743
Yxy	31.2510, 0.3383, 0.4891
Android (android.graphics.Color)	4285638216 (0xFF71A648)
YUV	139.4370, -33.2464, -23.1852
Hunter-Lab	55.9026, -28.8087, 27.4402

Details

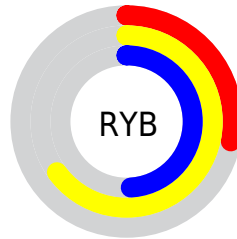
The YUV color **139.4370, -33.2464, -23.1852** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **98.5630, 33.2464, 23.1852**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.6820, -34.8462, -23.4001**, and **87.1380, -33.0990, -23.8000** is the 20% darker color. If you saturate the color by 10%, you get **134.8080, -39.3453, -27.0186**, and if you desaturate by 10%, it is **144.0660, -27.1475, -19.3519**.

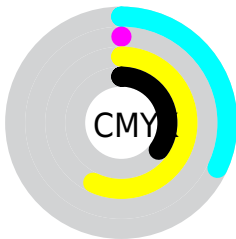
Distribution



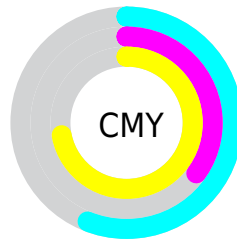
- Red (44%)
- Green (65%)
- Blue (28%)



- Red (28%)
- Yellow (65%)
- Blue (49%)



- Cyan (32%)
- Magenta (0%)
- Yellow (57%)
- Black (35%)



- Cyan (56%)
- Magenta (35%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.4370, -33.2464, -23.1852 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 139.4370, -33.2464, -23.1852 by changing the saturation by 10% instead.

■ 139.4370,
-33.2464, -23.1852

■ 139.4370,
-33.2464, -23.1852

■ 255.0000, 0.0000,
0.0000

■ 112.9640,
-32.5203, -22.7704

■ 193.6820,
-34.8462, -23.4001

■ 87.1380, -33.0990,
-23.8000

■ 222.4540,
-35.7198, -23.2002

■ 62.1100, -30.6202,
-25.5295

■ 236.8390,
-29.5006, -11.2598

■ 38.7530, -19.1052,
-32.2324

■ 249.0010,
-21.6925, 4.3841

■ 24.6540, -12.1544,
-21.6216

■ 252.6060, -9.1728,
2.0995

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,

0.0000

■ 139.4370,
-33.2464, -23.1852

■ 139.4370,
-33.2464, -23.1852

■ 134.8080,
-39.3453, -27.0186

■ 144.0660,
-27.1475, -19.3519

■ 129.9940,
-44.8600, -31.5667

■ 148.8800,
-21.6328, -14.8038

■ 125.3650,
-50.9589, -35.4001

■ 153.5090,
-15.5339, -10.9704

■ 120.8500,
-56.6210, -39.3334

■ 158.0240, -9.8718,
-7.0370

■ 118.9700,
-58.6522, -41.1927

■ 162.9520, -3.9203,
-2.5889

■ 167.5810, 2.1786,
1.2445

■ 172.3950, 7.6933,
5.7926

■ 177.0240, 13.7922,
9.6260

■ 181.5390, 19.4543,
13.5593

Harmonies

Analogous

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



145.3190, -47.4853, 17.2602



139.4370, -33.2464, -23.1852



119.7440, -2.3388, -90.1065

Triad

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



139.4370, -33.2464, -23.1852



124.9160, 57.2294, -109.5513



151.3010, -6.0644, 78.6660

Complementary

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



139.4370, -33.2464, -23.1852



98.5630, 33.2464, 23.1852

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.



155.3150, 16.1137, 58.4827



139.4370, -33.2464, -23.1852



143.0960, 51.2247, -50.0732

Square

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



139.4370, -33.2464, -23.1852



126.1920, 41.8103, -110.6704



155.7900, 35.5995, 15.0932



149.9480, -27.5824, 73.7136

Rectangle

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



139.4370, -33.2464, -23.1852



119.5970, 14.0027, -104.8866



155.7900, 35.5995, 15.0932



152.0430, 1.9508, 74.5073

Sweetspot

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



139.4370, -33.2464, -23.1852



206.5030, -13.0660, -9.2111



130.6300, -28.9046, 31.0195



103.6050, -7.6933, -5.7926



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



139.4370, -33.2464, -23.1852



175.3110, -52.4113, -36.2297



127.7480, -25.0188, -48.8910



81.5930, -2.7573, -2.2741



106.3110, -52.4113, -36.2297



14.4310, -7.1145, -4.7630

Inverse Universe

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



98.5630, 33.2464, 23.1852



110.6890, 52.4113, 36.2297



110.2520, 25.0188, 48.8910



78.1080, 2.9048, 1.6593



41.6890, 52.4113, 36.2297



5.8680, 6.9671, 5.3778

Previews

White Background



This preview shows how the YUV color 139.4370, -33.2464, -23.1852 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 139.4370, -33.2464, -23.1852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

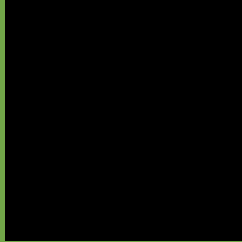
Any Text WCAG AA ✓ Pass

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 139.4370, -33.2464, -23.1852 Background



This preview shows how black text looks on a background with the YUV color 139.4370, -33.2464, -23.1852.



This preview shows how white text looks on a background with the YUV color 139.4370, -33.2464, -23.1852.

-23.1852.

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

139.4370, -33.2464, -23.1852

Protanopia

146.5070, -39.1970, 18.8494

Deuteranopia

148.7350, -34.8724, 31.8044



Tritanopia

148.6970, 9.5164, -19.0283

Trichromacy



Original Color

139.4370, -33.2464, -23.1852

Protanomaly

143.6900, -36.8222, 3.7799

Deuteranomaly

145.4290, -34.2285, 11.9018

Tritanomaly

145.5600, -6.1921, -20.6621

Monochromacy



Original Color

139.4370, -33.2464, -23.1852

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.4430, -12.0504, -8.2815

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.4370, -33.2464, -23.1852 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(113, 166, 72)` looks like.

```
.text, #text, p{  
    color:rgb(113, 166, 72)  
}
```

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(113, 166, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 166, 72) }
```

Border

The CSS property to change the border of an element to YUV 139.4370, -33.2464, -23.1852 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(113, 166, 72) }
```


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

```
.border{ border-color:rgb(113, 166, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 166, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 166, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 166, 72);  
box-shadow:4px 4px 4px 4px rgb(113, 166,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 139.4370, -33.2464, -23.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 166, 72) }
```

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

```
.background{ background-color: rgb(113,  
166, 72) }
```

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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