

Converting Colors

YUV(136.8840, -64.5258,
22.9037)

Have a look what the booklet for
YUV(136.8840, -64.5258, 22.9037)
contains.

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Color

**YUV(136.8840, -64.5258,
22.9037)**

Conversions

Conversions Part 1

Format	Color
Hex	A39506
RGB	163, 149, 6
RGB Percent	64%, 58%, 2%
CMY	0.3608, 0.4157, 0.9765
CMYK	0.00, 0.09, 0.96, 0.36
HSL	55°, 93%, 33%
HSV	55°, 96%, 64%
XYZ	25.8846, 29.2946, 4.4625
YIQ	136.8840, 54.2470, -41.5050

Conversions

Conversions Part 2

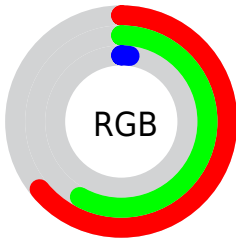
Format	Color
R_{YB}	21, 163, 6
Decimal	10720518
CIE Lab	61.04, -7.98, 63.87
CIE LCh	61, 64.370, 97.120
Yxy	29.2946, 0.4340, 0.4912
Android (android.graphics.Color)	4288910598 (0xFFA39506)
YUV	136.8840, -64.5258, 22.9037
Hunter-Lab	54.1245, -9.3517, 32.9988

Details

The YUV color **136.8840, -64.5258, 22.9037** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **32.1160, 64.5258, -22.9037**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9750, -59.1477, 24.5779**, and **90.1060, -44.4223, 14.8160** is the 20% darker color. If you saturate the color by 10%, you get **135.6130, -66.8572, 24.0184**, and if you desaturate by 10%, it is **139.2950, -57.8264, 20.7893**.

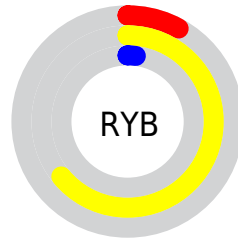
Distribution



Red (64%)

Green (58%)

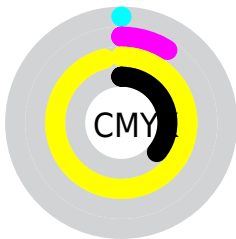
Blue (2%)



Red (8%)

Yellow (64%)

Blue (2%)

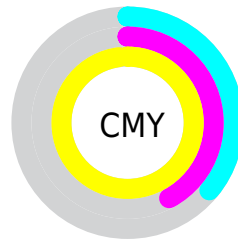


Cyan (0%)

Magenta (9%)

Yellow (96%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8840, -64.5258, 22.9037 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 136.8840, -64.5258, 22.9037 by changing the saturation by 10% instead.

■ 136.8840,
-64.5258, 22.9037

■ 136.8840,
-64.5258, 22.9037

■ 255.0000, 0.0000,
0.0000

■ 112.5660,
-55.4950, 19.6746

■ 193.9750,
-59.1477, 24.5779

■ 90.1060, -44.4223,
14.8160

■ 222.5730,
-59.4425, 25.8075

■ 67.9450, -33.4969,
10.5722

■ 240.6360,
-55.0365, 12.5972

■ 46.9580, -23.1503,
5.2988

■ 243.8280,
-42.8062, 9.7978

■ 27.4550, -13.5353,
1.3550

■ 247.0200,
-30.5759, 6.9985

■ 4.1090, -2.0257,
-3.6036

■ 250.3260,

■ 0.0000, 0.0000,

-17.9087, 4.0991

0.0000

253.6320, -5.2416,
1.1997

136.8840,
-64.5258, 22.9037

136.8840,
-64.5258, 22.9037

135.6130,
-66.8572, 24.0184

139.2950,
-57.8264, 20.7893

142.4070,
-50.9797, 18.0601

144.8180,
-44.2803, 15.9456

147.8160,
-37.8703, 13.3164

150.3410,
-30.7341, 11.1019

■ 153.3390,
-24.3241, 8.4727

■ 155.7500,
-17.6247, 6.3582

■ 158.7480,
-11.2148, 3.7290

■ 161.2730, -4.0786,
1.5146

Harmonies

Analogous

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



141.9160, -52.7096, 59.7097



136.8840, -64.5258, 22.9037



131.5370, -41.6767, -25.9039

Triad

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



136.8840, -64.5258, 22.9037



125.4740, 44.1363, -110.0407



148.8630, 21.7595, 67.6491

Complementary

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



136.8840, -64.5258, 22.9037



32.1160, 64.5258, -22.9037

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.



150.8420, 43.4619, 13.2936



136.8840, -64.5258, 22.9037



125.5830, 62.3236, -110.1363

Square

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



136.8840, -64.5258, 22.9037



120.3780, 19.5336, -105.5715



119.2130, 66.9430, -98.4108



142.7850, -3.3450, 93.1506

Rectangle

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



136.8840, -64.5258, 22.9037



118.4180, -17.9541, -74.9116



119.2130, 66.9430, -98.4108



150.7130, 29.2285, 51.9947

Sweetspot

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



136.8840, -64.5258, 22.9037



201.4100, -25.3451, 9.2874



54.7670, -16.1541, 94.9203



101.0210, -15.2934, 5.2436



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



136.8840, -64.5258, 22.9037



176.6790, -87.1027, 30.9765



126.2650, -59.2906, -23.0344



80.3870, -3.6418, 1.4146



120.8390, -59.5736, 21.1892



14.7740, -7.2836, 2.8292

Inverse Universe

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



32.1160, 64.5258, -22.9037



35.3210, 87.1027, -30.9765



42.7350, 59.2906, 23.0344



74.6130, 3.6418, -1.4146



24.1610, 59.5736, -21.1892



3.2260, 7.2836, -2.8292

Previews

White Background



This preview shows how the YUV color 136.8840, -64.5258, 22.9037 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8840, -64.5258, 22.9037 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 × Fail

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

YUV 136.8840, -64.5258, 22.9037

Background



This preview shows how black text looks on a background with the YUV color 136.8840, -64.5258, 22.9037.

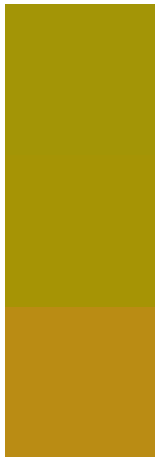


This preview shows how white text looks on a background with the YUV color 136.8840, -64.5258, 22.9037.

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

136.8840, -64.5258, 22.9037

Protanopia

137.0800, -65.1154, 25.3628

Deuteranopia

140.0740, -59.1965, 40.2771



Tritanopia

149.4200, -0.2071, 19.8027

Trichromacy



Original Color

136.8840, -64.5258, 22.9037

Protanomaly

136.7810, -64.9680, 24.7481

Deuteranomaly

138.8730, -61.0694, 34.3144

Tritanomaly

144.9430, -23.6359, 21.0980

Monochromacy



Original Color

136.8840, -64.5258, 22.9037

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.5670, -23.4505, 8.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8840, -64.5258, 22.9037 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, 149, 6)` looks like.

```
.text, #text, p{  
    color:rgb(163, 149, 6)  
}
```

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, 149, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 149, 6) }
```

Border

The CSS property to change the border of an element to YUV 136.8840, -64.5258, 22.9037 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, 149, 6) }
```


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

```
.border{ border-color:rgb(163, 149, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 149, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 149, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 149, 6);  
box-shadow:4px 4px 4px 4px rgb(163, 149,  
6) }
```

Background

The CSS property to change the background color of an element to YUV 136.8840, -64.5258, 22.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 149, 6) }
```

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

```
.background{ background-color: rgb(163,  
149, 6) }
```

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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