

Converting Colors

YUV(136.9930, -2.9545,
-32.4429)

Have a look what the booklet for
YUV(136.9930, -2.9545, -32.4429)
contains.

YUV(136.9930, -2.9545, -32.4429)	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(136.9930, -2.9545,
-32.4429)**

Conversions

Conversions Part 1

Format	Color
Hex	649D83
RGB	100, 157, 131
RGB Percent	39%, 62%, 51%
CMY	0.6078, 0.3843, 0.4863
CMYK	0.36, 0.00, 0.17, 0.38
HSL	153°, 23%, 50%
HSV	153°, 36%, 62%
XYZ	21.4092, 28.4620, 25.8381
YIQ	136.9930, -25.6260, -20.1700

Conversions

Conversions Part 2

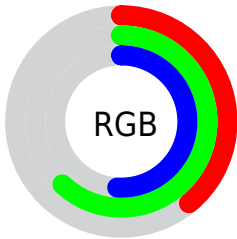
Format	Color
R_{YB}	100, 137, 157
Decimal	6593923
CIE _{Lab}	60.30, -24.67, 7.74
CIE _{LCh}	60, 25.858, 162.591
Yxy	28.4620, 0.2828, 0.3759
Android (android.graphics.Color)	4284784003 (0xFF649D83)
YUV	136.9930, -2.9545, -32.4429
Hunter-Lab	53.3498, -21.7301, 8.6298

Details

The YUV color $136.9930, -2.9545, -32.4429$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $120.0070, 2.9545, 32.4429$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.1670, -3.5333, -33.4725$, and $85.6340, -1.7916, -32.1280$ is the 20% darker color. If you saturate the color by 10%, you get $131.4110, -3.6536, -41.5794$, and if you desaturate by 10%, it is $142.5750, -2.2555, -23.3063$.

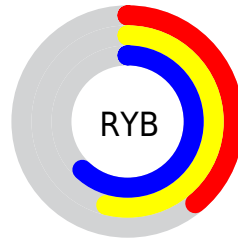
Distribution



Red (39%)

Green (62%)

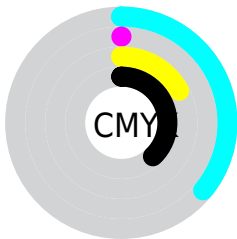
Blue (51%)



Red (39%)

Yellow (54%)

Blue (62%)

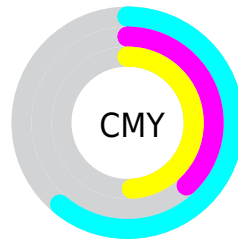


Cyan (36%)

Magenta (0%)

Yellow (17%)

Black (38%)



Cyan (61%)


Magenta (38%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9930, -2.9545, -32.4429 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 136.9930, -2.9545, -32.4429 by changing the saturation by 10% instead.


 136.9930, -2.9545,
-32.4429

 136.9930, -2.9545,
-32.4429


255.0000, 0.0000,
0.0000

 111.4060, -2.6652,
-31.9281


 191.1670, -3.5333,
-33.4725


 85.6340, -1.7916,
-32.1280


 218.8680, -3.3859,
-34.0872


 61.1500, -1.0599,
-33.4575

 239.2370, 0.3762,
-27.3948

 37.6770, -0.3338,
-33.0427

 249.6180, 2.6533,
-11.0660

 22.9560, -3.4293,
-20.1324

 1.1740, -0.5788,
-1.0296

 0.0000, 0.0000,

0.0000

■ 136.9930, -2.9545,
-32.4429

■ 136.9930, -2.9545,
-32.4429

■ 131.4110, -3.6536,
-41.5794

■ 142.5750, -2.2555,
-23.3063

■ 126.1280, -4.5001,
-50.1013

■ 147.8580, -1.4090,
-14.7845

■ 120.5460, -5.1992,
-59.2378

■ 153.4400, -0.7099,
-5.6479

■ 114.8500, -6.3350,
-68.2745

■ 159.1360, 0.4260,
3.3887

■ 109.5670, -7.1815,
-76.7963

■ 164.7180, 1.1250,
12.5253

■ 103.9850, -7.8806,
-85.9328

■ 170.0010, 1.9715,
21.0471

■ 101.8490, -8.3066,
-89.3216

■ 175.5830, 2.6706,
30.1837

■ 181.1650, 3.3697,
39.3203

■ 186.4480, 4.2161,
47.8421

Harmonies

Analogous

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



140.1390, -14.3655, -12.3999



136.9930, -2.9545, -32.4429



133.9230, 9.8980, -48.1675

Triad

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



136.9930, -2.9545, -32.4429



145.0580, 22.1564, -13.2059



146.6210, -15.0962, 35.4124

Complementary

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



136.9930, -2.9545, -32.4429



120.0070, 2.9545, 32.4429

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.



148.3360, -6.0816, 37.4163



136.9930, -2.9545, -32.4429



148.3770, 15.0971, 11.0704

Square

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



136.9930, -2.9545, -32.4429



139.0720, 24.1215, -36.8971



148.9680, 5.4388, 28.9691



144.9480, -21.1734, 24.6016

Rectangle

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



136.9930, -2.9545, -32.4429



133.2520, 17.6238, -52.8410



148.9680, 5.4388, 28.9691



147.6150, -12.6282, 37.1716

Sweetspot

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



136.9930, -2.9545, -32.4429



196.2820, -1.1250, -12.5253



141.5320, -20.4753, -12.7446



97.4290, -0.7045, -7.3922



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



136.9930, -2.9545, -32.4429



172.4160, -4.6421, -51.2308



138.7830, 8.9810, -34.0127



76.1520, -0.5679, -4.5183



92.8330, -7.3127, -81.4145



9.7170, -0.8465, -8.5218

Inverse Universe

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



120.0070, 2.9545, 32.4429



145.5840, 4.6421, 51.2308



118.2170, -8.9810, 34.0127



73.8480, 0.5679, 4.5183



50.1670, 7.3127, 81.4145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 136.9930, -2.9545, -32.4429 looks on a white background.

Color Contrast Check

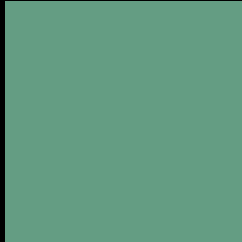
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.9930, -2.9545, -32.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

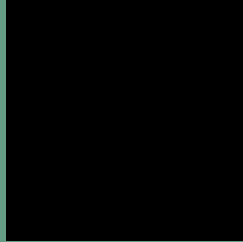
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.9930, -2.9545, -32.4429

Background



This preview shows how black text looks on a background with the YUV color 136.9930, -2.9545, -32.4429.

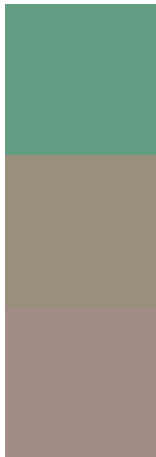


This preview shows how white text looks on a background with the YUV color 136.9930, -2.9545,

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

136.9930, -2.9545, -32.4429

Protanopia

144.2260, -9.4784, 6.8178

Deuteranopia

146.0080, -5.4269, 14.0250



Tritanopia

140.3260, 12.1643, -28.3499

Trichromacy



Original Color

136.9930, -2.9545, -32.4429

Protanomaly

141.7080, -7.2510, -7.6369

Deuteranomaly

142.5390, -4.2097, -3.1037

Tritanomaly

139.2350, 6.7861, -30.0241

Monochromacy



Original Color

136.9930, -2.9545, -32.4429

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9940, -0.9830, -11.3957

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9930, -2.9545, -32.4429 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(100, 157, 131)` looks like.

```
.text, #text, p{  
    color:rgb(100, 157, 131)  
}
```

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(100, 157, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 157, 131) }
```

Border

The CSS property to change the border of an element to YUV 136.9930, -2.9545, -32.4429 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(100, 157, 131) }
```


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

```
.border{ border-color:rgb(100, 157, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 157, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 157, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 157, 131);  
box-shadow:4px 4px 4px 4px rgb(100, 157,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 136.9930, -2.9545, -32.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 157, 131) }
```

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

```
.background{ background-color: rgb(100,  
157, 131) }
```

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