

Converting Colors

YUV(130.4930, 8.6310,
-61.8224)

Have a look what the booklet for
YUV(130.4930, 8.6310, -61.8224)
contains.

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Color

**YUV(130.4930, 8.6310,
-61.8224)**

Conversions

Conversions Part 1

Format	Color
Hex	3CA394
RGB	60, 163, 148
RGB Percent	24%, 64%, 58%
CMY	0.7647, 0.3608, 0.4196
CMYK	0.63, 0.00, 0.09, 0.36
HSL	171°, 46%, 44%
HSV	171°, 63%, 64%
XYZ	20.3060, 29.2932, 32.6009
YIQ	130.4930, -56.5730, -26.5010

Conversions

Conversions Part 2

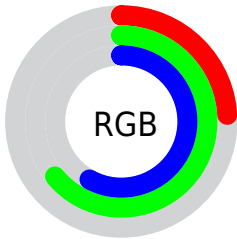
Format	Color
R _{YB}	60, 116, 163
Decimal	3974036
CIE _{Lab}	61.04, -33.16, -0.97
CIE _{LCh}	61, 33.177, 181.679
Y _{xy}	29.2932, 0.2470, 0.3564
Android (android.graphics.Color)	4282164116 (0xFF3CA394)
Y _{UV}	130.4930, 8.6310, -61.8224
Hunter-Lab	54.1232, -27.7458, 2.1731

Details

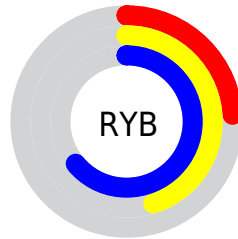
The YUV color **130.4930, 8.6310, -61.8224** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **92.5070, -8.6310, 61.8224**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5750, 7.6045, -59.2633**, and **76.2150, 10.2470, -66.8406** is the 20% darker color. If you saturate the color by 10%, you get **125.4810, 10.1159, -71.4588**, and if you desaturate by 10%, it is **135.5050, 7.1460, -52.1859**.

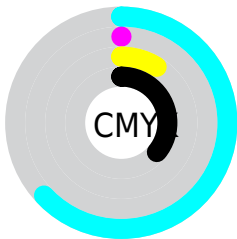
Distribution



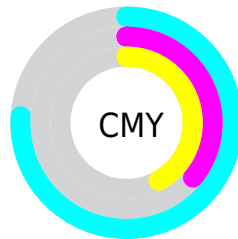
- Red (24%)
- Green (64%)
- Blue (58%)



- Red (24%)
- Yellow (45%)
- Blue (64%)



- Cyan (63%)
- Magenta (0%)
- Yellow (9%)
- Black (36%)



- Cyan (76%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.4930, 8.6310, -61.8224 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 130.4930, 8.6310, -61.8224 by changing the saturation by 10% instead.

■ 130.4930, 8.6310,
-61.8224

■ 130.4930, 8.6310,
-61.8224

■ 255.0000, 0.0000,
0.0000

■ 100.3180, 10.6892,
-68.6849

■ 186.5750, 7.6045,
-59.2633

■ 76.2150, 10.2470,
-66.8406

■ 215.1620, 7.3151,
-59.7781

■ 58.9180, 7.4354,
-51.6711

■ 231.3790, 11.6452,
-48.5674

■ 42.2080, 4.3345,
-37.0164

■ 240.0500, 7.3704,
-30.7388

■ 26.9000, 1.5283,
-23.5913

■ 249.0200, 2.9481,
-12.2955

■ 4.7930, 0.5951,
-4.2035

■ 0.0000, 0.0000,

0.0000

■ 130.4930, 8.6310,
-61.8224

■ 130.4930, 8.6310,
-61.8224

■ 125.4810, 10.1159,
-71.4588

■ 135.5050, 7.1460,
-52.1859

■ 120.0560, 11.3114,
-81.6101

■ 140.9300, 5.9505,
-42.0346

■ 115.0440, 12.7963,
-91.2466

■ 145.9420, 4.4656,
-32.3981

■ 111.5270, 13.5442,
-97.8092

■ 150.9540, 2.9807,
-22.7617

■ 156.0800, 1.9326,
-13.2252

■ 161.3910, 0.3002,
-2.9739

■ 166.5170, -0.7479,
6.5626

■ 171.5290, -2.2328,
16.1991

■ 176.8400, -3.8651,
26.4503

Harmonies

Analogous

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



137.0870, -8.9169, -33.4023



130.4930, 8.6310, -61.8224



123.3450, 26.4519, -84.4946

Triad

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



130.4930, 8.6310, -61.8224



149.7980, 23.2706, 2.8082



147.2870, -25.2845, 36.5823

Complementary

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



130.4930, 8.6310, -61.8224



92.5070, -8.6310, 61.8224

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.



148.6980, -15.1341, 47.6229



130.4930, 8.6310, -61.8224



151.4010, 12.1273, 30.3433

Square

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



130.4930, 8.6310, -61.8224



143.7120, 30.2150, -31.3194



150.8300, -1.8882, 45.7531



145.0690, -28.1350, 17.4795

Rectangle

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



130.4930, 8.6310, -61.8224



128.0670, 31.5190, -76.3578



150.8300, -1.8882, 45.7531



148.0040, -22.6800, 41.2155

Sweetspot

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



130.4930, 8.6310, -61.8224



199.0570, 3.4229, -24.6060



124.9460, -32.0184, -43.8026



99.1830, 2.3748, -15.0695



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.



130.4930, 8.6310, -61.8224



161.1250, 13.2494, -96.5796



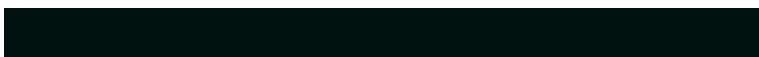
111.0710, 25.6010, -44.7893



79.0810, 0.4531, -5.3330



99.2510, 12.2013, -87.0431



12.2760, 1.3429, -10.7661

Inverse Universe

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



92.5070, -8.6310, 61.8224



101.7610, -13.6862, 96.6796



111.9290, -25.6010, 44.7893



75.9190, -0.4531, 5.3330



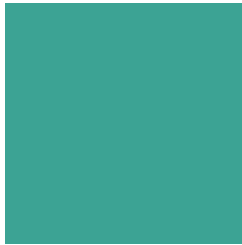
45.7490, -12.2013, 87.0431



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 130.4930, 8.6310, -61.8224 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 130.4930, 8.6310, -61.8224 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 130.4930, 8.6310, -61.8224 Background



This preview shows how black text looks on a background with the YUV color 130.4930, 8.6310, -61.8224.



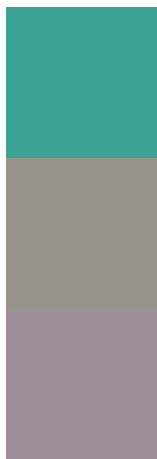
This preview shows how white text looks on a background with the YUV color 130.4930, 8.6310,

-61.8224.

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

130.4930, 8.6310, -61.8224

Protanopia

146.5830, -4.2314, 3.8737

Deuteranopia

148.0380, 2.4463, 8.7367



Tritanopia

133.8710, 18.7976, -56.0149

Trichromacy



Original Color

130.4930, 8.6310, -61.8224



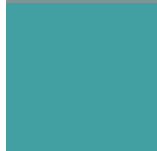
Protanomaly

140.6940, 0.6439, -19.9026



Deuteranomaly

141.7420, 4.5642, -17.3137



Tritanomaly

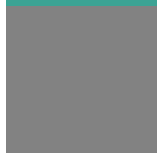
132.2360, 15.1667, -58.0890

Monochromacy



Original Color

130.4930, 8.6310, -61.8224



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

130.3670, 3.2701, -22.2469

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.4930, 8.6310, -61.8224 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(60, 163, 148)` looks like.

```
.text, #text, p{  
    color:rgb(60, 163, 148)  
}
```

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(60, 163, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 163, 148) }
```

Border

The CSS property to change the border of an element to YUV 130.4930, 8.6310, -61.8224 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(60, 163, 148) }
```


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

```
.border{ border-color:rgb(60, 163, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 163, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 163, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 163, 148);  
box-shadow:4px 4px 4px 4px rgb(60, 163,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 130.4930, 8.6310, -61.8224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 163, 148) }
```

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

```
.background{ background-color: rgb(60, 163,  
148) }
```

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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