

Converting Colors

YUV(112.4330, 9.6465,
-60.8927)

Have a look what the booklet for
YUV(112.4330, 9.6465, -60.8927)
contains.

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Color

**YUV(112.4330, 9.6465,
-60.8927)**

Conversions

Conversions Part 1

Format	Color
Hex	2B9084
RGB	43, 144, 132
RGB Percent	17%, 56%, 52%
CMY	0.8314, 0.4353, 0.4824
CMYK	0.70, 0.00, 0.08, 0.44
HSL	173°, 54%, 37%
HSV	173°, 70%, 56%
XYZ	15.1344, 22.1261, 25.3029
YIQ	112.4330, -56.3440, -25.1440

Conversions

Conversions Part 2

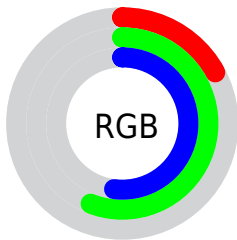
Format	Color
RYB	43, 97, 144
Decimal	2855044
CIELab	54.16, -31.41, -1.99
CIElCh	54, 31.473, 183.633
Yxy	22.1261, 0.2419, 0.3537
Android (android.graphics.Color)	4281045124 (0xFF2B9084)
YUV	112.4330, 9.6465, -60.8927
Hunter-Lab	47.0383, -24.8855, 1.0335

Details

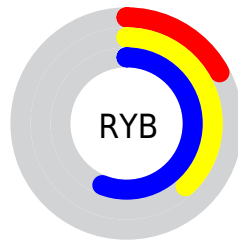
The YUV color **112.4330, 9.6465, -60.8927** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **74.5670, -9.6465, 60.8927**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1130, 8.3253, -57.1041**, and **64.0530, 9.3409, -56.1745** is the 20% darker color. If you saturate the color by 10%, you get **108.0190, 10.8366, -69.2997**, and if you desaturate by 10%, it is **116.8470, 8.4564, -52.4858**.

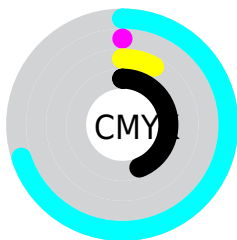
Distribution



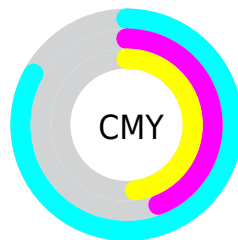
- Red (17%)
- Green (56%)
- Blue (52%)



- Red (17%)
- Yellow (38%)
- Blue (56%)



- Cyan (70%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (83%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4330, 9.6465, -60.8927 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 112.4330, 9.6465, -60.8927 by changing the saturation by 10% instead.

■ 112.4330, 9.6465,
-60.8927

■ 112.4330, 9.6465,
-60.8927

■ 255.0000, 0.0000,
0.0000

■ 81.4640, 12.5892,
-71.4439

■ 168.1130, 8.3253,
-57.1041

■ 64.0530, 9.3409,
-56.1745

■ 196.9990, 7.8885,
-57.0041

■ 47.3430, 6.2399,
-41.5198

■ 224.9990, 7.8885,
-57.0041

■ 31.3340, 3.2863,
-27.4799

■ 235.2660, 9.7289,
-40.5753

■ 16.1400, 0.9170,
-14.1548

■ 243.9370, 5.4541,
-22.7467

■ 0.0000, 0.0000,
0.0000

■ 252.9070, 1.0318,

-4.3034

■ 112.4330, 9.6465,
-60.8927

■ 112.4330, 9.6465,
-60.8927

■ 108.0190, 10.8366,
-69.2997

■ 116.8470, 8.4564,
-52.4858

■ 103.4200, 12.6109,
-78.4213

■ 121.4460, 6.6821,
-43.3641

■ 99.0060, 13.8010,
-86.8283

■ 125.8600, 5.4920,
-34.9572

■ 130.5730, 4.1545,
-25.9355

■ 134.9870, 2.9644,
-17.5286

■ 139.2870, 1.3375,
-9.0217

■ 144.0000, 0.0000,
0.0000

■ 148.4140, -1.1901,
8.4069

■ 153.0130, -2.9644,
17.5286

Harmonies

Analogous

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



119.7280, -7.7539, -33.0875



112.4330, 9.6465, -60.8927



102.0670, 28.0680, -89.5128

Triad

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



112.4330, 9.6465, -60.8927



131.9400, 21.2286, 4.4376



129.6070, -23.9633, 32.7937

Complementary

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



112.4330, 9.6465, -60.8927



74.5670, -9.6465, 60.8927

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.



130.4910, -14.5391, 43.4194



112.4330, 9.6465, -60.8927



132.9340, 10.3855, 28.9989

Square

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



112.4330, 9.6465, -60.8927



126.1640, 28.0201, -27.3308



131.9930, -2.4615, 42.9791



127.3290, -25.7982, 14.6205

Rectangle

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



112.4330, 9.6465, -60.8927



110.1490, 30.4925, -73.7987



131.9930, -2.4615, 42.9791



129.7370, -21.0693, 37.9417

Sweetspot

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



112.4330, 9.6465, -60.8927



173.8830, 4.0017, -23.5764



106.1740, -31.1448, -44.0026



86.8950, 2.5168, -13.9399



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



112.4330, 9.6465, -60.8927



137.3040, 15.1331, -94.1056



92.0820, 25.5956, -43.0449



68.9070, 1.0318, -4.3034



92.8110, 12.9112, -81.3952



5.4940, 0.7425, -4.8182

Inverse Universe

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



74.5670, -9.6465, 60.8927



78.6960, -15.1331, 94.1056



94.9180, -25.5956, 43.0449



66.2070, -0.5951, 4.2035



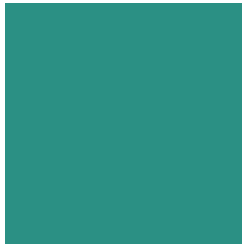
42.1890, -12.9112, 81.3952



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 112.4330, 9.6465, -60.8927 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 112.4330, 9.6465, -60.8927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

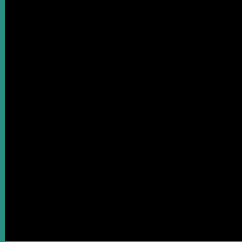
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.4330, 9.6465, -60.8927

Background



This preview shows how black text looks on a background with the YUV color 112.4330, 9.6465, -60.8927.



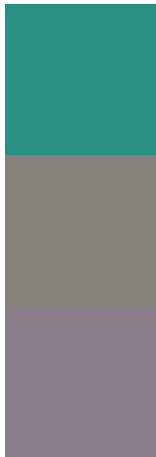
This preview shows how white text looks on a background with the YUV color 112.4330, 9.6465, -60.8927.

-60.8927.

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

112.4330, 9.6465, -60.8927

Protanopia

128.6260, -2.7736, 2.9590

Deuteranopia

130.1410, 2.8885, 6.8923



Tritanopia

116.2410, 17.6292, -54.5854

Trichromacy



Original Color

112.4330, 9.6465, -60.8927

Protanomaly

122.9220, 1.5175, -20.1026

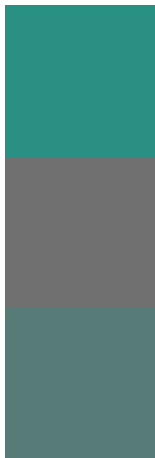
Deuteranomaly

123.6710, 5.5852, -18.1285

Tritanomaly

114.8340, 14.8718, -56.8594

Monochromacy



Original Color

112.4330, 9.6465, -60.8927

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.3670, 3.2701, -22.2469

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4330, 9.6465, -60.8927 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(43, 144, 132)` looks like.

```
.text, #text, p{  
    color:rgb(43, 144, 132)  
}
```

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(43, 144, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 144, 132) }
```

Border

The CSS property to change the border of an element to YUV 112.4330, 9.6465, -60.8927 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(43, 144, 132) }
```


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

```
.border{ border-color:rgb(43, 144, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 144, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 144, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 144, 132);  
box-shadow:4px 4px 4px 4px rgb(43, 144,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 112.4330, 9.6465, -60.8927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 144, 132) }
```

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

```
.background{ background-color: rgb(43, 144,  
132) }
```

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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