

Converting Colors

YUV(112.1530, -9.4424,
-98.3582)

Have a look what the booklet for
YUV(112.1530, -9.4424, -98.3582)
contains.

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Color

**YUV(112.1530, -9.4424,
-98.3582)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD5D
RGB	0, 173, 93
RGB Percent	0%, 68%, 36%
CMY	1.0000, 0.3216, 0.6353
CMYK	1.00, 0.00, 0.46, 0.32
HSL	152°, 100%, 34%
HSV	152°, 100%, 68%
XYZ	16.9194, 30.6775, 15.3855
YIQ	112.1530, -77.4280, -61.5560

Conversions

Conversions Part 2

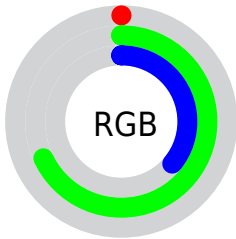
Format	Color
RYB	0, 113, 173
Decimal	44381
CIELab	62.23, -55.95, 30.72
CIELCh	62, 63.827, 151.234
Yxy	30.6775, 0.2686, 0.4871
Android (android.graphics.Color)	4278234461 (0xFF00AD5D)
YUV	112.1530, -9.4424, -98.3582
Hunter-Lab	55.3872, -42.4006, 22.3014

Details

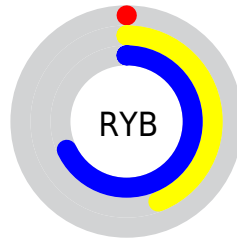
The YUV color **112.1530, -9.4424, -98.3582** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **60.8470, 9.4424, 98.3582**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2330, -17.3699, -75.6263**, and **74.9830, -14.7816, -65.7601** is the 20% darker color. If you saturate the color by 10%, you get **112.1530, -9.4424, -98.3582**, and if you desaturate by 10%, it is **118.1480, -8.4540, -88.7068**.

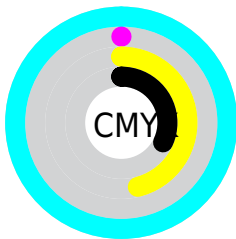
Distribution



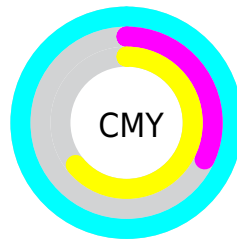
- Red (0%)
- Green (68%)
- Blue (36%)



- Red (0%)
- Yellow (44%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.1530, -9.4424, -98.3582 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 112.1530, -9.4424, -98.3582 by changing the saturation by 10% instead.

■ 112.1530, -9.4424,
-98.3582

■ 112.1530, -9.4424,
-98.3582

■ 255.0000, 0.0000,
0.0000

■ 93.5680, -12.1120,
-82.0591

■ 179.2330,
-17.3699, -75.6263

■ 74.9830, -14.7816,
-65.7601

■ 205.9560,
-17.2333, -72.7524

■ 56.9850, -17.7406,
-49.9758

■ 218.4170, -9.5726,
-56.4937

■ 39.9160, -19.6786,
-35.0063

■ 230.2800, -1.6170,
-41.4646

■ 27.0020, -13.3120,
-23.6808

■ 242.4420, 6.1911,
-25.8206

■ 8.8050, -4.3409,
-7.7220

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 112.1530, -9.4424,
-98.3582

■ 118.1480, -8.4540,
-88.7068

■ 124.4420, -7.6129,
-78.4406

■ 130.4370, -6.6244,
-68.7892

■ 136.4320, -5.6360,
-59.1379

■ 142.7260, -4.7949,
-48.8717

■ 148.7210, -3.8065,
-39.2203

■ 154.7160, -2.8180,
-29.5689

■ 160.7110, -1.8295,
-19.9175

■ 167.0050, -0.9885,
-9.6514

Harmonies

Analogous

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



137.0500, -46.3666, -14.9528



112.1530, -9.4424, -98.3582



121.1130, 14.7343, -106.2161

Triad

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



112.1530, -9.4424, -98.3582



120.6420, 66.2385, -105.8030



146.0300, -25.1578, 89.4277

Complementary

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



112.1530, -9.4424, -98.3582



60.8470, 9.4424, 98.3582

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.



147.6150, 1.1758, 89.7916



112.1530, -9.4424, -98.3582



152.6770, 46.9942, 0.2833

Square

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



112.1530, -9.4424, -98.3582



128.1760, 59.5662, -112.4104



153.2470, 26.0072, 58.5424



146.1000, -48.3633, 65.6873

Rectangle

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



112.1530, -9.4424, -98.3582



125.5590, 31.7694, -110.1152



153.2470, 26.0072, 58.5424



145.7560, -16.1487, 93.1760

Sweetspot

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



112.1530, -9.4424, -98.3582



200.4330, -3.6645, -38.0907



125.7700, -62.0046, -39.2633



97.9880, -1.9661, -22.7915



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



112.1530, -9.4424, -98.3582



145.2820, -11.9710, -127.4123



117.7510, 27.2378, -103.2676



83.8530, -0.4205, -5.1331



97.2840, -8.0280, -85.3181



14.8690, -1.4144, -13.0401

Inverse Universe

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



60.8470, 9.4424, 98.3582



78.8320, 12.4078, 127.3123



55.2490, -27.2378, 103.2676



81.1470, 0.4205, 5.1331



52.8300, 8.4648, 85.2181



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 112.1530, -9.4424, -98.3582 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 112.1530, -9.4424, -98.3582 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 112.1530, -9.4424, -98.3582 Background



This preview shows how black text looks on a background with the YUV color 112.1530, -9.4424, -98.3582.



This preview shows how white text looks on a background with the YUV color 112.1530, -9.4424,

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



Protanopia

146.6620, -30.8924, 15.2054

Deuteranopia

148.8620, -24.0890, 26.4310

Tritanopia

135.8810, 20.2717, -62.1626

Trichromacy



Protanomaly

133.7600, -23.0527, -26.0995

Deuteranomaly

135.5420, -19.0012, -18.8923

Tritanomaly

126.9320, 9.4005, -75.3624

Monochromacy



Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.8570, -3.3805, -35.8316

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.1530, -9.4424, -98.3582 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(0, 173, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 93)  
}
```

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(0, 173, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 93) }
```

Border

The CSS property to change the border of an element to YUV 112.1530, -9.4424, -98.3582 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(0, 173, 93) }
```

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

```
.border{ border-color:rgb(0, 173, 93) }
```

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

Here you see how a box with a 4 pixel rgb(0, 173, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 93);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 93)  
}
```


Background

The CSS property to change the background color of an element to YUV 112.1530, -9.4424, -98.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 93) }
```

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

```
.background{ background-color: rgb(0, 173,  
93) }
```

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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