

Converting Colors

YUV(165.2300, -9.4804,
-86.1477)

Have a look what the booklet for
YUV(165.2300, -9.4804, -86.1477)
contains.

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Color

**YUV(165.2300, -9.4804,
-86.1477)**

Conversions

Conversions Part 1

Format	Color
Hex	43DB92
RGB	67, 219, 146
RGB Percent	26%, 86%, 57%
CMY	0.7373, 0.1412, 0.4275
CMYK	0.69, 0.00, 0.33, 0.14
HSL	151°, 68%, 56%
HSV	151°, 69%, 86%
XYZ	32.8346, 53.9317, 35.8734
YIQ	165.2300, -67.1590, -54.9270

Conversions

Conversions Part 2

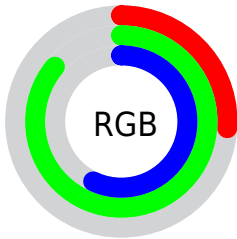
Format	Color
RYB	67, 167, 219
Decimal	4447122
CIELab	78.42, -56.16, 24.66
CIELCh	78, 61.334, 156.291
Yxy	53.9317, 0.2677, 0.4398
Android (android.graphics.Color)	4282637202 (0xFF43DB92)
YUV	165.2300, -9.4804, -86.1477
Hunter-Lab	73.4382, -48.7086, 22.4445

Details

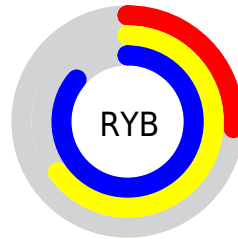
The YUV color **165.2300, -9.4804, -86.1477** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **120.7700, 9.4804, 86.1477**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9530, -5.8928, -70.1188**, and **106.5110, -5.6749, -93.4101** is the 20% darker color. If you saturate the color by 10%, you get **157.3980, -11.0422, -98.5730**, and if you desaturate by 10%, it is **173.0620, -7.9186, -73.7224**.

Distribution



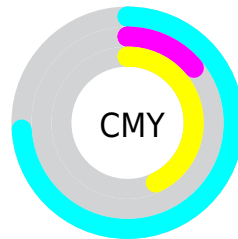
- Red (26%)
- Green (86%)
- Blue (57%)



- Red (26%)
- Yellow (65%)
- Blue (86%)



- Cyan (69%)
- Magenta (0%)
- Yellow (33%)
- Black (14%)



- Cyan (74%)
- Magenta (14%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.2300, -9.4804, -86.1477 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 165.2300, -9.4804, -86.1477 by changing the saturation by 10% instead.

■ 165.2300, -9.4804,
-86.1477

■ 165.2300, -9.4804,
-86.1477

255.0000, 0.0000,
0.0000

■ 130.8800, -5.3638,
-99.8728

■ 211.9530, -5.8928,
-70.1188

■ 106.5110, -5.6749,
-93.4101

■ 224.5280, 2.2047,
-53.9601

■ 87.9260, -8.3445,
-77.1111

■ 236.4620, 9.1392,
-38.1162

■ 69.3410, -11.0141,
-60.8121

■ 245.7310, 4.5696,
-19.0581

■ 52.1580, -13.3889,
-45.7426

254.7010, 0.1474,
-0.6148

■ 34.7470, -16.6373,
-30.4731

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 165.2300, -9.4804,
-86.1477

■ 165.2300, -9.4804,
-86.1477

■ 157.3980,
-11.0422, -98.5730

■ 173.0620, -7.9186,
-73.7224

■ 149.6800,
-12.1672, -111.0984

■ 180.7800, -6.7935,
-61.1971

■ 141.8480,
-13.7291, -123.5237

■ 188.6120, -5.2317,
-48.7717

■ 141.5490,
-13.5817, -124.1385

■ 196.3300, -4.1067,
-36.2464

■ 204.1620, -2.5449,
-23.8211

■ 211.5810, -1.2724,
-11.9105

■ 219.4130, 0.2894,
0.5148

■ 227.1310, 1.4144,
13.0401

■ 232.2720, 4.3029,
19.9325

Harmonies

Analogous

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



180.7870, -40.8140, -22.6152



165.2300, -9.4804, -86.1477



153.6840, 25.2988, -134.7809

Triad

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



165.2300, -9.4804, -86.1477



177.0120, 38.4481, -58.7695



181.4630, -25.3713, 64.4919

Complementary

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



165.2300, -9.4804, -86.1477



120.7700, 9.4804, 86.1477

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.



181.7490, 1.1097, 64.2411



165.2300, -9.4804, -86.1477



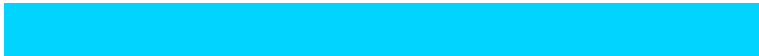
194.8950, 29.6318, 15.8781

Square

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



165.2300, -9.4804, -86.1477



153.5140, 50.0326, -134.6318



193.5300, 23.4027, 53.9092



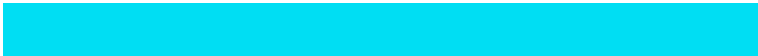
188.4150, -49.5046, 58.3950

Rectangle

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



165.2300, -9.4804, -86.1477



158.0160, 41.8971, -138.5800



193.5300, 23.4027, 53.9092



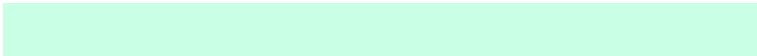
180.4660, -16.4987, 65.3663

Sweetspot

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



165.2300, -9.4804, -86.1477



235.8900, -3.3968, -30.5985



178.0510, -54.7481, -33.3707



116.6080, -2.2717, -18.0732



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



165.2300, -9.4804, -86.1477



179.9840, -13.3031, -120.1350



171.7910, 23.2740, -91.9017



106.0270, -0.9993, -6.1627



111.8110, -10.7528, -98.0582



29.7380, -2.8288, -26.0802

Inverse Universe

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



120.7700, 9.4804, 86.1477



118.0160, 13.3031, 120.1350



114.2090, -23.2740, 91.9017



102.8590, 0.5625, 6.2627



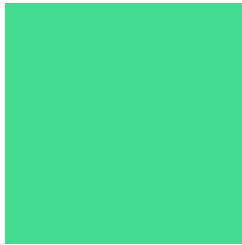
61.1890, 10.7528, 98.0582



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 165.2300, -9.4804, -86.1477 looks on a white background.

Color Contrast Check

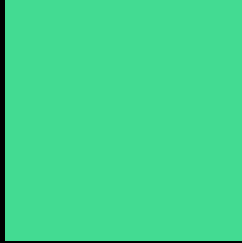
Large Text (above 18pt) WCAG AA × Fail

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 165.2300, -9.4804, -86.1477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

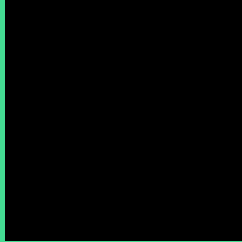
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

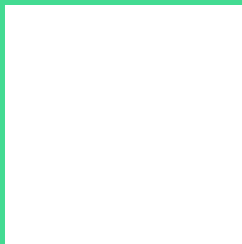
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.2300, -9.4804, -86.1477

Background



This preview shows how black text looks on a background with the YUV color 165.2300, -9.4804, -86.1477.



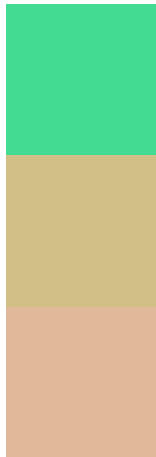
This preview shows how white text looks on a background with the YUV color 165.2300, -9.4804,

-86.1477.

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

165.2300, -9.4804, -86.1477

Protanopia

190.1720, -27.6928, 15.6352

Deuteranopia

193.1270, -19.2896, 27.0756



Tritanopia

177.7490, 23.7877, -69.9399

Trichromacy



Original Color

165.2300, -9.4804, -86.1477



Protanomaly

181.2490, -21.3218, -21.2664



Deuteranomaly

182.7860, -15.6705, -13.8443



Tritanomaly

173.5020, 11.5845, -75.8623

Monochromacy



Original Color

165.2300, -9.4804, -86.1477



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.1780, -3.5388, -31.7281

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2300, -9.4804, -86.1477 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(67, 219, 146)` looks like.

```
.text, #text, p{  
    color:rgb(67, 219, 146)  
}
```

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(67, 219, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 219, 146) }
```

Border

The CSS property to change the border of an element to YUV 165.2300, -9.4804, -86.1477 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(67, 219, 146) }
```


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

```
.border{ border-color:rgb(67, 219, 146) }
```

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

Here you see how a box with a 4 pixel rgb(67, 219, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 219, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 219, 146);  
box-shadow:4px 4px 4px 4px rgb(67, 219,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 165.2300, -9.4804, -86.1477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 219, 146) }
```

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

```
.background{ background-color: rgb(67, 219,  
146) }
```

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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