

Converting Colors

YUV(163.6110, -4.2452,
-132.0858)

Have a look what the booklet for
YUV(163.6110, -4.2452, -132.0858)
contains.

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Color

**YUV(163.6110, -4.2452,
-132.0858)**

Conversions

Conversions Part 1

Format	Color
Hex	0DF29B
RGB	13, 242, 155
RGB Percent	5%, 95%, 61%
CMY	0.9490, 0.0510, 0.3922
CMYK	0.95, 0.00, 0.36, 0.05
HSL	157°, 90%, 50%
HSV	157°, 95%, 95%
XYZ	37.8345, 65.9564, 41.7471
YIQ	163.6110, -108.5570, -75.6050

Conversions

Conversions Part 2

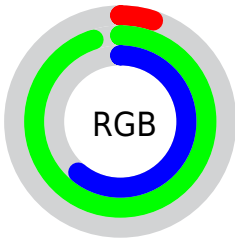
Format	Color
RYB	13, 154, 242
Decimal	914075
CIELab	84.97, -67.43, 28.80
CIELCh	85, 73.319, 156.873
Yxy	65.9564, 0.2600, 0.4532
Android (android.graphics.Color)	4279104155 (0xFF0DF29B)
YUV	163.6110, -4.2452, -132.0858
Hunter-Lab	81.2135, -58.9669, 26.3720

Details

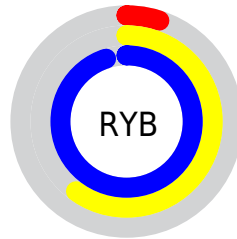
The YUV color **163.6110, -4.2452, -132.0858** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **91.3890, 4.2452, 132.0858**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7110, 1.1285, -82.1845**, and **119.7500, -8.2577, -105.0208** is the 20% darker color. If you saturate the color by 10%, you get **159.1540, -4.5129, -139.5781**, and if you desaturate by 10%, it is **171.8130, -3.8518, -118.2310**.

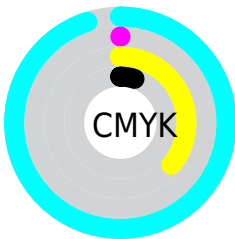
Distribution



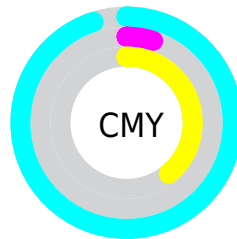
- Red (5%)
- Green (95%)
- Blue (61%)



- Red (5%)
- Yellow (60%)
- Blue (95%)



- Cyan (95%)
- Magenta (0%)
- Yellow (36%)
- Black (5%)



- Cyan (95%)
- Magenta (5%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.6110, -4.2452, -132.0858 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 163.6110, -4.2452, -132.0858 by changing the saturation by 10% instead.

163.6110, -4.2452,
-132.0858

163.6110, -4.2452,
-132.0858

255.0000, 0.0000,
0.0000

139.7370, -5.2933,
-122.5493

207.7110, 1.1285,
-82.1845

119.7500, -8.2577,
-105.0208

221.0690, 8.3470,
-64.0815

100.4640,
-11.0748, -88.1069

232.5750, 11.0555,
-46.1083

81.8790, -13.7443,
-71.8079

242.1430, 6.3385,
-26.4354

63.9950, -16.2665,
-56.1236

251.7110, 1.6215,
-6.7625

45.9970, -19.2255,
-40.3394

31.1110, -15.3377,

-27.2843

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 163.6110, -4.2452,
-132.0858

■ 163.6110, -4.2452,
-132.0858

■ 159.1540, -4.5129,
-139.5781

■ 171.8130, -3.8518,
-118.2310

■ 180.0150, -3.4584,
-104.3762

■ 188.6300, -2.7756,
-90.0065

■ 196.8320, -2.3822,
-76.1517

■ 205.0340, -1.9888,
-62.2968

■ 213.2360, -1.5953,
-48.4420

■ 221.4380, -1.2019,
-34.5871

■ 230.0530, -0.5191,
-20.2175

■ 238.2550, -0.1257,
-6.3626

Harmonies

Analogous

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



195.0390, -49.8122, -29.8522



163.6110, -4.2452, -132.0858



170.2800, 27.9630, -149.3356

Triad

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



163.6110, -4.2452, -132.0858



184.5770, 34.7185, -75.9280



186.5010, -26.3760, 60.0736

Complementary

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



163.6110, -4.2452, -132.0858



91.3890, 4.2452, 132.0858

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.



185.8070, 6.5041, 60.6823



163.6110, -4.2452, -132.0858



209.4030, 22.4793, 23.3256

Square

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



163.6110, -4.2452, -132.0858



166.4280, 43.6660, -145.9574



198.6480, 27.7815, 49.4207



196.4220, -56.9030, 51.3729

Rectangle

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



163.6110, -4.2452, -132.0858



172.8850, 40.4827, -151.6201



198.6480, 27.7815, 49.4207



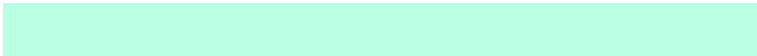
184.7860, -15.1775, 61.5777

Sweetspot

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



163.6110, -4.2452, -132.0858



230.6930, -1.3276, -40.9498



173.7350, -79.2424, -63.7886



112.9060, -0.9397, -25.3506



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.



163.6110, -4.2452, -132.0858



167.6970, -4.7806, -147.0703



157.6800, 41.5698, -126.8844



115.8420, -0.4151, -6.8774



121.0040, -3.4530, -106.1205



36.8620, -0.9180, -32.3280

Inverse Universe

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



91.3890, 4.2452, 132.0858



87.3030, 4.7806, 147.0703



97.3200, -41.5698, 126.8844



112.0440, -0.0217, 6.9774



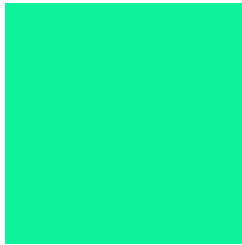
62.9960, 3.4530, 106.1205



19.1380, 0.9180, 32.3280

Previews

White Background



This preview shows how the YUV color 163.6110, -4.2452, -132.0858 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 163.6110, -4.2452, -132.0858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

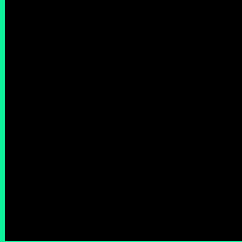
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

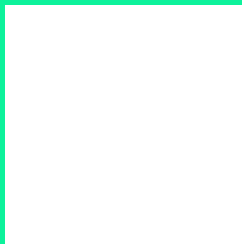
Any Text WCAG AAA ✓ Pass

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

YUV 163.6110, -4.2452, -132.0858 Background



This preview shows how black text looks on a background with the YUV color 163.6110, -4.2452, -132.0858.



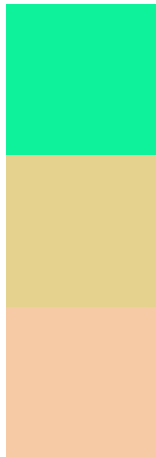
This preview shows how white text looks on a background with the YUV color 163.6110, -4.2452, -132.0858.

-132.0858.

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

163.6110, -4.2452, -132.0858

Protanopia

207.6300, -32.3556, 17.8645

Deuteranopia

210.8240, -23.0842, 30.8494



Tritanopia

189.6970, 29.2364, -90.9423

Trichromacy



Original Color

163.6110, -4.2452, -132.0858



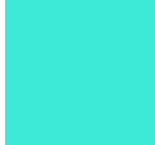
Protanomaly

191.9220, -22.1465, -36.7656



Deuteranomaly

193.8720, -16.2059, -28.8287



Tritanomaly

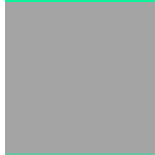
180.0960, 17.2077, -106.2012

Monochromacy



Original Color

163.6110, -4.2452, -132.0858



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.6490, -1.3060, -47.9272

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.6110, -4.2452, -132.0858 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(13, 242, 155)` looks like.

```
.text, #text, p{  
    color:rgb(13, 242, 155)  
}
```

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(13, 242, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 242, 155) }
```

Border

The CSS property to change the border of an element to YUV 163.6110, -4.2452, -132.0858 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(13, 242, 155) }
```


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

```
.border{ border-color:rgb(13, 242, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 242, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 242, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 242, 155);  
box-shadow:4px 4px 4px 4px rgb(13, 242,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 163.6110, -4.2452, -132.0858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 242, 155) }
```

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

```
.background{ background-color: rgb(13, 242,  
155) }
```

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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