

Converting Colors

YUV(163.9560, -10.3313,
-46.4424)

Have a look what the booklet for
YUV(163.9560, -10.3313, -46.4424)
contains.

YUV(163.9560, -10.3313, -46.4424)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(163.9560, -10.3313,
-46.4424)**

Conversions

Conversions Part 1

Format	Color
Hex	6FC38F
RGB	111, 195, 143
RGB Percent	44%, 76%, 56%
CMY	0.5647, 0.2353, 0.4392
CMYK	0.43, 0.00, 0.27, 0.24
HSL	143°, 41%, 60%
HSV	143°, 43%, 76%
XYZ	31.0286, 44.3929, 32.9199
YIQ	163.9560, -33.3720, -33.9800

Conversions

Conversions Part 2

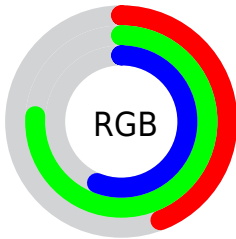
Format	Color
RYB	111, 172, 195
Decimal	7324559
CIELab	72.49, -37.14, 18.34
CIELCh	72, 41.423, 153.728
Yxy	44.3929, 0.2864, 0.4098
Android (android.graphics.Color)	4285514639 (0xFF6FC38F)
YUV	163.9560, -10.3313, -46.4424
Hunter-Lab	66.6280, -33.4717, 17.3453

Details

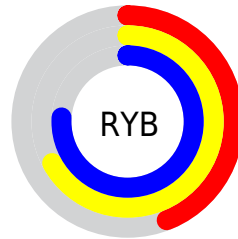
The YUV color **163.9560, -10.3313, -46.4424** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **142.0440, 10.3313, 46.4424**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0160, -11.3469, -47.3720**, and **109.9990, -8.8735, -47.3571** is the 20% darker color. If you saturate the color by 10%, you get **156.6080, -12.6247, -57.5382**, and if you desaturate by 10%, it is **171.3040, -8.0379, -35.3466**.

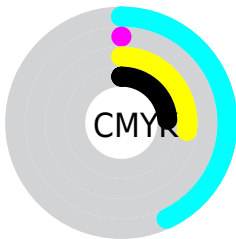
Distribution



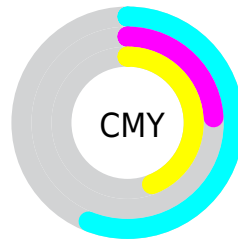
- Red (44%)
- Green (76%)
- Blue (56%)



- Red (44%)
- Yellow (67%)
- Blue (76%)



- Cyan (43%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.9560, -10.3313, -46.4424 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 163.9560, -10.3313, -46.4424 by changing the saturation by 10% instead.

■ 163.9560,
-10.3313, -46.4424

■ 163.9560,
-10.3313, -46.4424

255.0000, 0.0000,
0.0000

■ 136.4830, -9.6051,
-46.0276

■ 220.0160,
-11.3469, -47.3720

■ 109.9990, -8.8735,
-47.3571

■ 233.6400, -4.2595,
-33.8873

■ 82.8460, -6.8261,
-50.7309

■ 245.3180, 4.2802,
-19.5729

■ 58.0740, -5.9525,
-50.9309

254.4020, 0.2948,
-1.2296

■ 40.8910, -8.3273,
-35.8614

■ 25.2410, -12.4438,
-22.1364

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 163.9560,
-10.3313, -46.4424

■ 163.9560,
-10.3313, -46.4424

■ 156.6080,
-12.6247, -57.5382

■ 171.3040, -8.0379,
-35.3466

■ 149.5590,
-15.0656, -68.0192

■ 178.3530, -5.5970,
-24.8656

■ 142.5100,
-17.5064, -78.5003

■ 185.7010, -3.3036,
-13.7698

■ 135.1620,
-19.7999, -89.5961

■ 192.7500, -0.8628,
-3.2887

■ 128.1130,
-22.2407, -100.0771

■ 199.7990, 1.5781,
7.1923

■ 122.9010,
-24.1082, -107.7842

■ 207.1470, 3.8715,
18.2881

■ 214.1960, 6.3124,
28.7691

■ 218.0700, 10.8115,
32.3876

■ 219.4380, 16.0531,
31.1879

Harmonies

Analogous

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



170.4800, -28.3376, -10.9450



163.9560, -10.3313, -46.4424



152.1090, 14.2433, -88.6726

Triad

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



163.9560, -10.3313, -46.4424



173.0730, 39.4040, -38.6520



179.1080, -20.2662, 60.4183

Complementary

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



163.9560, -10.3313, -46.4424



142.0440, 10.3313, 46.4424

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.



181.1630, -3.5314, 59.4930



163.9560, -10.3313, -46.4424



181.1280, 29.5169, 6.0267

Square

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



163.9560, -10.3313, -46.4424



155.2960, 44.2241, -91.4676



182.4500, 14.5682, 40.8244



177.3930, -32.7317, 45.2593

Rectangle

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



163.9560, -10.3313, -46.4424



139.2370, 33.4072, -122.1108



182.4500, 14.5682, 40.8244



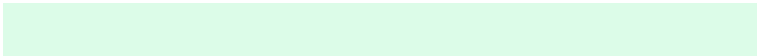
180.0850, -15.3249, 62.1925

Sweetspot

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



163.9560, -10.3313, -46.4424



240.1520, -4.0189, -17.6733



176.1550, -32.1214, -10.6599



120.2390, -2.5828, -11.6106



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.



163.9560, -10.3313, -46.4424



203.5970, -16.0703, -72.4376



168.6300, 7.5774, -50.5415



93.3260, -1.1467, -5.5479



101.4610, -19.9473, -88.9813



20.8530, -3.8715, -18.2881

Inverse Universe

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



142.0440, 10.3313, 46.4424



169.4030, 16.0703, 72.4376



137.3700, -7.5774, 50.5415



90.6740, 1.1467, 5.5479



59.4250, 19.5105, 89.0813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 163.9560, -10.3313, -46.4424 looks on a white background.

Color Contrast Check

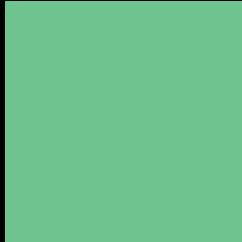
Large Text (above 18pt) WCAG AA × Fail

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 163.9560, -10.3313, -46.4424 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 163.9560, -10.3313, -46.4424 Background



This preview shows how black text looks on a background with the YUV color 163.9560, -10.3313, -46.4424.



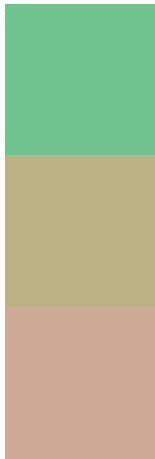
This preview shows how white text looks on a background with the YUV color 163.9560, -10.3313, -46.4424.

-46.4424.

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



Original Color

163.9560, -10.3313, -46.4424

Protanopia

175.6860, -20.5512, 11.6764

Deuteranopia

177.6580, -14.6214, 23.1019



Tritanopia

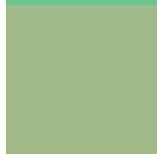
170.1720, 15.6912, -39.6158

Trichromacy



Original Color

163.9560, -10.3313, -46.4424



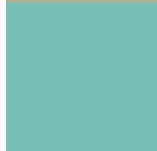
Protanomaly

171.7650, -17.1391, -9.4409



Deuteranomaly

172.5470, -13.0877, -2.2337



Tritanomaly

168.0440, 6.3873, -42.1346

Monochromacy



Original Color

163.9560, -10.3313, -46.4424



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.8640, -3.8770, -16.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9560, -10.3313, -46.4424 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(111, 195, 143)` looks like.

```
.text, #text, p{  
    color:rgb(111, 195, 143)  
}
```

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(111, 195, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 195, 143) }
```

Border

The CSS property to change the border of an element to YUV 163.9560, -10.3313, -46.4424 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(111, 195, 143) }
```


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

```
.border{ border-color:rgb(111, 195, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 195, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 195, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 195, 143);  
box-shadow:4px 4px 4px 4px rgb(111, 195,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 163.9560, -10.3313, -46.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 195, 143) }
```

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

```
.background{ background-color: rgb(111,  
195, 143) }
```

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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