

Converting Colors

YUV(167.3030, -6.5584,
-43.2387)

Have a look what the booklet for
YUV(167.3030, -6.5584, -43.2387)
contains.

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Color

**YUV(167.3030, -6.5584,
-43.2387)**

Conversions

Conversions Part 1

Format	Color
Hex	76C39A
RGB	118, 195, 154
RGB Percent	46%, 76%, 60%
CMY	0.5373, 0.2353, 0.3961
CMYK	0.39, 0.00, 0.21, 0.24
HSL	148°, 39%, 61%
HSV	148°, 39%, 76%
XYZ	32.8191, 45.2149, 37.5694
YIQ	167.3030, -32.7310, -29.0750

Conversions

Conversions Part 2

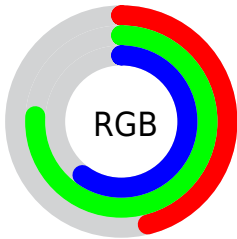
Format	Color
RYB	118, 170, 195
Decimal	7783322
CIELab	73.03, -32.99, 13.23
CIELCh	73, 35.539, 158.148
Yxy	45.2149, 0.2839, 0.3911
Android (android.graphics.Color)	4285973402 (0xFF76C39A)
YUV	167.3030, -6.5584, -43.2387
Hunter-Lab	67.2420, -30.5523, 13.9429

Details

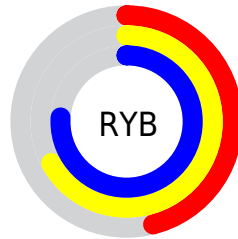
The YUV color **167.3030, -6.5584, -43.2387** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **145.6970, 6.5584, 43.2387**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3630, -7.5740, -44.1684**, and **113.6450, -5.2480, -43.5387** is the 20% darker color. If you saturate the color by 10%, you get **160.1830, -7.9782, -54.5345**, and if you desaturate by 10%, it is **174.4230, -5.1385, -31.9430**.

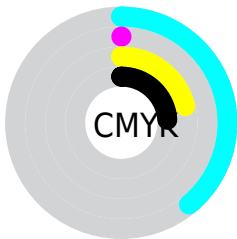
Distribution



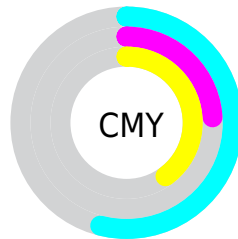
- Red (46%)
- Green (76%)
- Blue (60%)



- Red (46%)
- Yellow (67%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)




- Cyan (54%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 167.3030, -6.5584, -43.2387 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 167.3030, -6.5584, -43.2387 by changing the saturation by 10% instead.

 167.3030, -6.5584,
-43.2387

 167.3030, -6.5584,
-43.2387


255.0000, 0.0000,
0.0000

 140.4170, -6.1216,
-43.3387


 223.3630, -7.5740,
-44.1684


 113.6450, -5.2480,
-43.5387


 236.8020, 0.0976,
-31.3984

 87.2750, -4.0796,
-44.9682

 247.5250, 3.6852,
-15.3694

 59.2140, -1.5845,
-51.9307

 42.6180, -4.2487,
-37.3760

 26.7230, -6.7654,
-23.4361

 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 167.3030, -6.5584,
-43.2387

■ 167.3030, -6.5584,
-43.2387

■ 160.1830, -7.9782,
-54.5345

■ 174.4230, -5.1385,
-31.9430

■ 153.2480, -9.9823,
-65.1155

■ 181.3580, -3.1345,
-21.3620

■ 146.4270,
-11.5495, -75.7965

■ 188.4780, -1.7147,
-10.0662

■ 139.1930,
-13.4061, -86.9923

■ 195.4130, 0.2894,
0.5148

■ 132.3720,
-14.9734, -97.6732

■ 202.5330, 1.7092,
11.8106

■ 125.2520,
-16.3932, -108.9690

■ 209.3540, 3.2765,
22.4915

■ 124.8390,
-16.6826, -109.4838

■ 216.5880, 5.1331,
33.6873

■ 217.7280, 9.5011,
32.6875

■ 218.8680, 13.8691,
31.6878

Harmonies

Analogous

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



172.3640, -22.3645, -13.4742



167.3030, -6.5584, -43.2387



160.5780, 13.0260, -71.5439

Triad

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



167.3030, -6.5584, -43.2387



177.0270, 32.5247, -25.4567



181.1670, -19.8023, 51.5965

Complementary

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



167.3030, -6.5584, -43.2387



145.6970, 6.5584, 43.2387

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.



182.5490, -5.6937, 53.0155



167.3030, -6.5584, -43.2387



183.2550, 23.5383, 10.3004

Square

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



167.3030, -6.5584, -43.2387



167.1920, 35.4013, -61.5584



184.1740, 9.7742, 38.4354



179.1470, -29.6525, 37.5821

Rectangle

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



167.3030, -6.5584, -43.2387



157.4160, 25.4309, -83.6798



184.1740, 9.7742, 38.4354



181.9160, -15.7346, 53.5707

Sweetspot

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



167.3030, -6.5584, -43.2387



241.2060, -2.5666, -16.8437



175.4580, -28.3268, -14.4337



121.4780, -1.7147, -10.0662



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.



167.3030, -6.5584, -43.2387



209.5360, -10.1242, -66.2451



171.6350, 10.0399, -47.0379



93.4400, -0.7099, -5.6479



103.0570, -13.8321, -90.3810



21.0810, -2.9979, -18.4880

Inverse Universe

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



145.6970, 6.5584, 43.2387



176.4640, 10.1242, 66.2451



141.3650, -10.0399, 47.0379



90.5600, 0.7099, 5.6479



57.9430, 13.8321, 90.3810



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 167.3030, -6.5584, -43.2387 looks on a white background.

Color Contrast Check

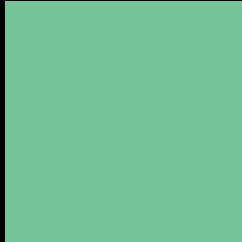
Large Text (above 18pt) WCAG AA × Fail

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 167.3030, -6.5584, -43.2387 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

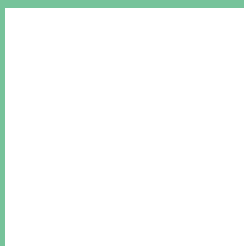
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 167.3030, -6.5584, -43.2387

Background



This preview shows how black text looks on a background with the YUV color 167.3030, -6.5584, -43.2387.



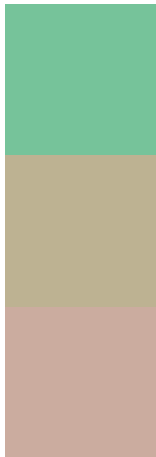
This preview shows how white text looks on a background with the YUV color 167.3030, -6.5584,

-43.2387.

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

167.3030, -6.5584, -43.2387

Protanopia

177.6410, -15.5990, 9.9618

Deuteranopia

179.7870, -10.2480, 20.3578



Tritanopia

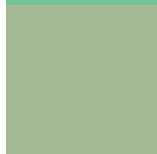
172.0690, 15.2490, -37.7715

Trichromacy



Original Color

167.3030, -6.5584, -43.2387



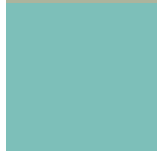
Protanomaly

173.7310, -12.1924, -9.4111



Deuteranomaly

174.9860, -8.8671, -2.6187



Tritanomaly

170.5820, 7.1081, -39.9754

Monochromacy



Original Color

167.3030, -6.5584, -43.2387



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

166.9180, -2.4246, -15.7141

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.3030, -6.5584, -43.2387 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(118, 195, 154)` looks like.

```
.text, #text, p{  
    color:rgb(118, 195, 154)  
}
```

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(118, 195, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 195, 154) }
```

Border

The CSS property to change the border of an element to YUV 167.3030, -6.5584, -43.2387 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(118, 195, 154) }
```


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

```
.border{ border-color:rgb(118, 195, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 195, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 195, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 195, 154);  
box-shadow:4px 4px 4px 4px rgb(118, 195,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 167.3030, -6.5584, -43.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 195, 154) }
```

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

```
.background{ background-color: rgb(118,  
195, 154) }
```

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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