

Converting Colors

YUV(167.6730, -24.4888,
-32.1622)

Have a look what the booklet for
YUV(167.6730, -24.4888, -32.1622)
contains.

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Color

**YUV(167.6730, -24.4888,
-32.1622)**

Conversions

Conversions Part 1

Format	Color
Hex	83C476
RGB	131, 196, 118
RGB Percent	51%, 77%, 46%
CMY	0.4863, 0.2314, 0.5373
CMYK	0.33, 0.00, 0.40, 0.23
HSL	110°, 40%, 62%
HSV	110°, 40%, 77%
XYZ	32.3700, 45.6132, 24.2377
YIQ	167.6730, -13.7020, -38.0380

Conversions

Conversions Part 2

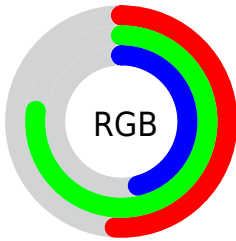
Format	Color
RYB	118, 196, 183
Decimal	8635510
CIELab	73.29, -35.72, 32.74
CIElCh	73, 48.454, 137.486
Yxy	45.6132, 0.3167, 0.4462
Android (android.graphics.Color)	4286825590 (0xFF83C476)
YUV	167.6730, -24.4888, -32.1622
Hunter-Lab	67.5375, -32.6375, 25.9984

Details

The YUV color **167.6730, -24.4888, -32.1622** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **146.3270, 24.4888, 32.1622**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6190, -25.9412, -32.9919**, and **114.4280, -22.8890, -31.9474** is the 20% darker color. If you saturate the color by 10%, you get **160.6090, -30.8662, -39.9991**, and if you desaturate by 10%, it is **174.7370, -18.1113, -24.3253**.

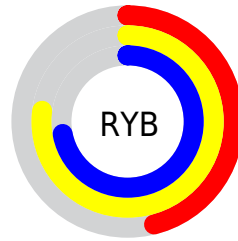
Distribution



Red (51%)

Green (77%)

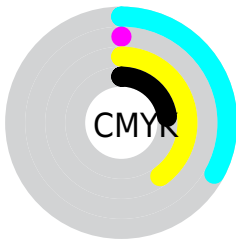
Blue (46%)



Red (46%)

Yellow (77%)

Blue (72%)

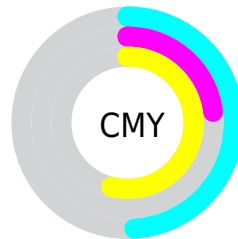


Cyan (33%)

Magenta (0%)

Yellow (40%)

Black (23%)



Cyan (49%)

Magenta (23%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.6730, -24.4888, -32.1622 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 167.6730, -24.4888, -32.1622 by changing the saturation by 10% instead.

■ 167.6730,
-24.4888, -32.1622

■ 167.6730,
-24.4888, -32.1622

255.0000, 0.0000,
0.0000

■ 140.9010,
-23.6152, -32.3622

■ 223.6190,
-25.9412, -32.9919

■ 114.4280,
-22.8890, -31.9474

■ 236.6560,
-18.5644, -18.9923

■ 88.6560, -22.0154,
-32.1473

■ 248.5190,
-10.6089, -3.9632

■ 62.5740, -20.9890,
-34.7064

■ 39.3290, -19.3892,
-34.4915

■ 25.8280, -12.7332,
-22.6512

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 167.6730,
-24.4888, -32.1622

■ 167.6730,
-24.4888, -32.1622

■ 160.6090,
-30.8662, -39.9991

■ 174.7370,
-18.1113, -24.3253

■ 153.3600,
-36.6595, -48.5507

■ 181.9860,
-12.3181, -15.7737

■ 146.2960,
-43.0369, -56.3876


■ 189.0500, -5.9406,
-7.9368


■ 139.3460,
-48.9776, -64.3244


■ 196.0000, 0.0000,
0.0000


■ 131.9830,
-55.2076, -72.7761

■ 203.3630, 6.2300,
8.4516

 124.9190,
-61.5851, -80.6130

 210.4270, 12.6075,
16.2885

 217.3770, 18.5481,
24.2254

 220.3670, 17.0741,
30.3731

Harmonies

Analogous

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



174.2020, -40.0326, 6.8388



167.6730, -24.4888, -32.1622



154.9390, 2.0021, -82.3845

Triad

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



167.6730, -24.4888, -32.1622



157.0450, 48.2918, -89.4935



178.5570, -11.1206, 67.0405

Complementary

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



167.6730, -24.4888, -32.1622



146.3270, 24.4888, 32.1622

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.



184.2630, 8.2513, 60.2823



167.6730, -24.4888, -32.1622



177.8410, 38.0394, -20.9086

Square

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



167.6730, -24.4888, -32.1622



144.6290, 48.9899, -126.8396



184.9890, 27.1204, 28.0736



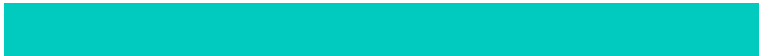
179.8560, -31.4810, 64.1473

Rectangle

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



167.6730, -24.4888, -32.1622



140.8210, 24.2452, -123.5000



184.9890, 27.1204, 28.0736



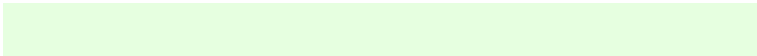
179.5660, -4.7160, 66.1556

Sweetspot

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



167.6730, -24.4888, -32.1622



243.9910, -9.8556, -12.2701



179.4770, -30.3082, 14.4907



121.4630, -5.6513, -7.4221



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.



167.6730, -24.4888, -32.1622



210.5940, -38.2538, -50.5099



166.7500, -11.2157, -42.7537



93.4680, -3.1887, -3.9184



102.5800, -50.5719, -66.2837



21.1650, -10.4343, -13.2997

Inverse Universe

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



146.3270, 24.4888, 32.1622



177.4060, 38.2538, 50.5099



147.2500, 11.2157, 42.7537



90.5320, 3.1887, 3.9184



58.4200, 50.5719, 66.2837



12.1340, 10.2869, 13.9145

Previews

White Background



This preview shows how the YUV color 167.6730, -24.4888, -32.1622 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 167.6730, -24.4888, -32.1622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

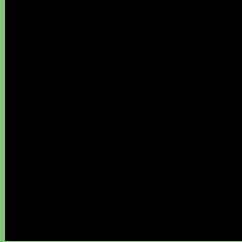
Any Text WCAG AA ✓ Pass

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 167.6730, -24.4888, -32.1622 Background



This preview shows how black text looks on a background with the YUV color 167.6730, -24.4888, -32.1622.



This preview shows how white text looks on a background with the YUV color 167.6730, -24.4888, -32.1622.

-32.1622.

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

167.6730, -24.4888, -32.1622

Protanopia

176.0320, -32.0608, 16.6349

Deuteranopia

178.4990, -26.8680, 31.1344



Tritanopia

175.7500, 12.4482, -26.0907

Trichromacy



Original Color

167.6730, -24.4888, -32.1622

Protanomaly

173.0190, -29.0964, -0.8937

Deuteranomaly

174.5840, -25.9239, 8.2578

Tritanomaly

173.1830, -1.0762, -28.2245

Monochromacy



Original Color

167.6730, -24.4888, -32.1622

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9310, -8.8400, -11.3405

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6730, -24.4888, -32.1622 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(131, 196, 118)` looks like.

```
.text, #text, p{  
    color:rgb(131, 196, 118)  
}
```

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(131, 196, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 196, 118) }
```

Border

The CSS property to change the border of an element to YUV 167.6730, -24.4888, -32.1622 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(131, 196, 118) }
```


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

```
.border{ border-color:rgb(131, 196, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 196, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 196, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 196, 118); box-shadow:4px 4px 4px 4px rgb(131, 196, 118) }
```

Background

The CSS property to change the background color of an element to YUV 167.6730, -24.4888, -32.1622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 196, 118) }
```

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

```
.background{ background-color: rgb(131,  
196, 118) }
```

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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