

Converting Colors

YUV(166.6730, -4.2758,
-28.6542)

Have a look what the booklet for
YUV(166.6730, -4.2758, -28.6542)
contains.

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Color

**YUV(166.6730, -4.2758,
-28.6542)**

Conversions

Conversions Part 1

Format	Color
Hex	86B99E
RGB	134, 185, 158
RGB Percent	53%, 73%, 62%
CMY	0.4745, 0.2745, 0.3804
CMYK	0.28, 0.00, 0.15, 0.27
HSL	148°, 27%, 63%
HSV	148°, 28%, 73%
XYZ	33.3520, 42.2349, 38.7421
YIQ	166.6730, -21.7290, -19.2090

Conversions

Conversions Part 2

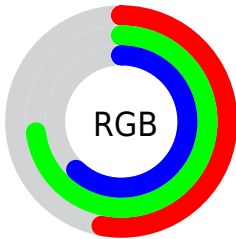
Format	Color
RYB	134, 169, 185
Decimal	8829342
CIELab	71.03, -22.47, 8.33
CIELCh	71, 23.969, 159.653
Yxy	42.2349, 0.2917, 0.3694
Android (android.graphics.Color)	4287019422 (0xFF86B99E)
YUV	166.6730, -4.2758, -28.6542
Hunter-Lab	64.9884, -22.1234, 10.1468

Details

The YUV color **166.6730, -4.2758, -28.6542** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **152.3270, 4.2758, 28.6542**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9610, -4.4178, -29.7838**, and **114.4990, -3.6970, -27.6246** is the 20% darker color. If you saturate the color by 10%, you get **160.1510, -5.9904, -38.7204**, and if you desaturate by 10%, it is **173.4940, -2.7085, -17.9732**.

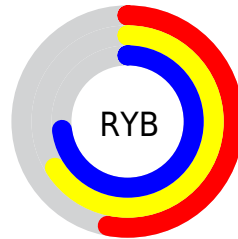
Distribution



Red (53%)

Green (73%)

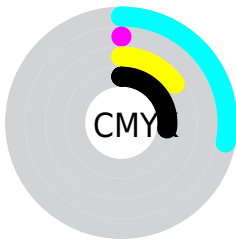
Blue (62%)



Red (53%)

Yellow (66%)

Blue (73%)

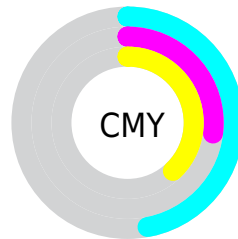


Cyan (28%)

Magenta (0%)

Yellow (15%)

Black (27%)



Cyan (47%)

Magenta (27%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6730, -4.2758, -28.6542 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 166.6730, -4.2758, -28.6542 by changing the saturation by 10% instead.

■ 166.6730, -4.2758,
-28.6542

■ 166.6730, -4.2758,
-28.6542

255.0000, 0.0000,
0.0000

■ 140.0860, -3.9864,
-28.1394

■ 221.9610, -4.4178,
-29.7838

■ 114.4990, -3.6970,
-27.6246

■ 241.7430, -0.3663,
-22.5766

■ 88.9120, -3.4076,
-27.1098

■ 252.0100, 1.4741,
-6.1478

■ 65.0260, -2.9708,
-27.2098

■ 40.1720, -1.0708,
-29.9688

■ 23.6570, -3.2819,
-20.7472

■ 4.1090, -2.0257,

-3.6036

0.0000, 0.0000,
0.0000

166.6730, -4.2758,
-28.6542

166.6730, -4.2758,
-28.6542

160.1510, -5.9904,
-38.7204

173.4940, -2.7085,
-17.9732

153.3300, -7.5577,
-49.4014

180.0160, -0.9939,
-7.9070

146.6230, -8.6881,
-60.1824

186.4240, 0.2840,
2.2592

140.1010,
-10.4028, -70.2486

193.2450, 1.8512,
12.9401

133.5790,
-12.1174, -80.3148

200.0660, 3.4185,
23.6211

■ 126.7580,
-13.6847, -90.9958

■ 206.5880, 5.1331,
33.6873

■ 119.9370,
-15.2519, -101.6767

■ 210.7180, 8.0270,
38.8353

■ 118.5130,
-15.5359, -103.9359

■ 211.7440, 11.9582,
37.9355

■ 212.8840, 16.3262,
36.9357

Harmonies

Analogous

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



169.4490, -14.5184, -10.0408



166.6730, -4.2758, -28.6542



164.0870, 7.8451, -43.0493

Triad

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



166.6730, -4.2758, -28.6542



173.2320, 21.5776, -14.2355



175.8490, -14.2226, 35.2124

Complementary

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



166.6730, -4.2758, -28.6542



152.3270, 4.2758, 28.6542

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.



176.9660, -4.9132, 35.9868



166.6730, -4.2758, -28.6542



176.7680, 15.3974, 8.0965

Square

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



166.6730, -4.2758, -28.6542



168.6270, 22.3689, -34.7529



177.7720, 6.0284, 26.5100



174.0020, -19.7210, 25.4312

Rectangle

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



166.6730, -4.2758, -28.6542



164.6010, 14.9867, -47.0081



177.7720, 6.0284, 26.5100



176.5440, -11.6072, 36.3569

Sweetspot

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



166.6730, -4.2758, -28.6542



233.1790, -1.5672, -10.6810



172.0100, -18.7389, -9.6558



115.7280, -0.8519, -6.7775



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



166.6730, -4.2758, -28.6542



211.5910, -6.7004, -44.3683



169.5230, 6.6442, -31.1537



88.7390, -0.8573, -5.0331



99.8940, -13.2587, -87.6070



17.9180, -2.4246, -15.7141

Inverse Universe

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



152.3270, 4.2758, 28.6542



189.2950, 6.2636, 44.4683



149.4770, -6.6442, 31.1537



86.1470, 0.4205, 5.1331



55.9920, 12.8219, 87.7070



10.0820, 2.4246, 15.7141

Previews

White Background



This preview shows how the YUV color 166.6730, -4.2758, -28.6542 looks on a white background.

Color Contrast Check

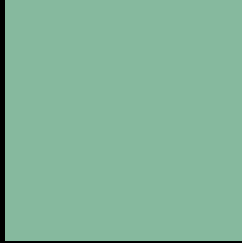
Large Text (above 18pt) WCAG AA × Fail

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 166.6730, -4.2758, -28.6542 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

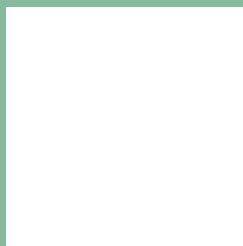
Any Text WCAG AAA ✓ Pass

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

YUV 166.6730, -4.2758, -28.6542 Background



This preview shows how black text looks on a background with the YUV color 166.6730, -4.2758, -28.6542.



This preview shows how white text looks on a background with the YUV color 166.6730, -4.2758,

-28.6542.

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

166.6730, -4.2758, -28.6542

Protanopia

172.9980, -10.3520, 7.0178

Deuteranopia

174.5030, -6.1640, 17.0989



Tritanopia

169.9350, 11.8640, -25.3760

Trichromacy



Original Color

166.6730, -4.2758, -28.6542

Protanomaly

170.4910, -8.1301, -5.6926

Deuteranomaly

171.9200, -5.3836, 0.0702

Tritanomaly

168.7300, 6.0491, -26.9502

Monochromacy



Original Color

166.6730, -4.2758, -28.6542

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1790, -1.5672, -10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6730, -4.2758, -28.6542 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(134, 185, 158)` looks like.

```
.text, #text, p{  
    color:rgb(134, 185, 158)  
}
```

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(134, 185, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 185, 158) }
```

Border

The CSS property to change the border of an element to YUV 166.6730, -4.2758, -28.6542 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(134, 185, 158) }
```


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

```
.border{ border-color:rgb(134, 185, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 185, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 185, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 185, 158);  
box-shadow:4px 4px 4px 4px rgb(134, 185,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 166.6730, -4.2758, -28.6542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 185, 158) }
```

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

```
.background{ background-color: rgb(134,  
185, 158) }
```

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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