

Converting Colors

YUV(166.5410, -17.5217,
-26.7845)

Have a look what the booklet for
YUV(166.5410, -17.5217, -26.7845)
contains.

YUV(166.5410, -17.5217, -26.7845)	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(166.5410, -17.5217,
-26.7845)**

Conversions

Conversions Part 1

Format	Color
Hex	88BD83
RGB	136, 189, 131
RGB Percent	53%, 74%, 51%
CMY	0.4667, 0.2588, 0.4863
CMYK	0.28, 0.00, 0.31, 0.26
HSL	115°, 31%, 63%
HSV	115°, 31%, 74%
XYZ	32.4477, 43.2681, 28.1141
YIQ	166.5410, -12.9700, -29.2740

Conversions

Conversions Part 2

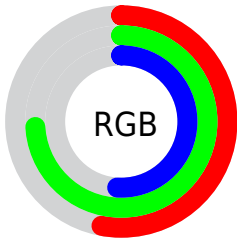
Format	Color
RYB	131, 189, 184
Decimal	8961411
CIELab	71.74, -28.72, 23.91
CIELCh	72, 37.377, 140.222
Yxy	43.2681, 0.3125, 0.4167
Android (android.graphics.Color)	4287151491 (0xFF88BD83)
YUV	166.5410, -17.5217, -26.7845
Hunter-Lab	65.7785, -27.0607, 20.7040

Details

The YUV color **166.5410, -17.5217, -26.7845** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **153.4590, 17.5217, 26.7845**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4870, -18.9741, -27.6141**, and **113.5950, -16.0693, -25.9548** is the 20% darker color. If you saturate the color by 10%, you get **159.2920, -23.3150, -35.3361**, and if you desaturate by 10%, it is **173.7900, -11.7285, -18.2328**.

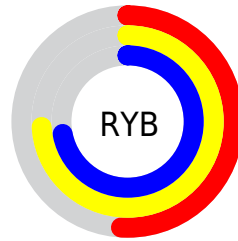
Distribution



Red (53%)

Green (74%)

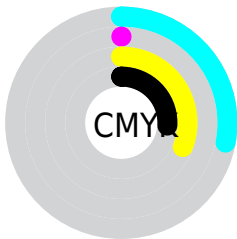
Blue (51%)



Red (51%)

Yellow (74%)

Blue (72%)

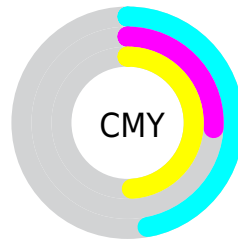


Cyan (28%)

Magenta (0%)

Yellow (31%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5410, -17.5217, -26.7845 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 166.5410, -17.5217, -26.7845 by changing the saturation by 10% instead.

■ 166.5410,
-17.5217, -26.7845

■ 166.5410,
-17.5217, -26.7845

255.0000, 0.0000,
0.0000

■ 140.0680,
-16.7955, -26.3696

■ 222.4870,
-18.9741, -27.6141

■ 113.5950,
-16.0693, -25.9548

■ 239.3340,
-13.4757, -17.8329

■ 88.7090, -15.6325,
-26.0548

■ 251.3110, -5.0833,
-2.9037

■ 64.0510, -14.3221,
-26.3547

■ 38.7840, -12.7115,
-29.6286

■ 22.8930, -11.2862,
-20.0772

■ 7.0440, -3.4727,

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 166.5410,
-17.5217, -26.7845

■ 166.5410,
-17.5217, -26.7845

■ 159.2920,
-23.3150, -35.3361

■ 173.7900,
-11.7285, -18.2328

■ 151.7440,
-28.9608, -44.5025

■ 181.3380, -6.0826,
-9.0664

■ 144.4950,
-34.7540, -53.0541

■ 188.5870, -0.2894,
-0.5148

■ 137.2460,
-40.5473, -61.6057

■ 195.8360, 5.5039,
8.0368

■ 129.9970,
-46.3405, -70.1574

■ 203.0850, 11.2971,
16.5885

■ 122.5630,
-51.5496, -79.4238

■ 210.5190, 16.5061,
25.8548

■ 115.7270,
-57.0534, -87.4606

■ 216.2580, 19.0998,
33.9767

Harmonies

Analogous

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



171.2260, -29.6914, 3.3098



166.5410, -17.5217, -26.7845



159.6800, 1.6368, -58.4784

Triad

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



166.5410, -17.5217, -26.7845



166.7140, 37.1160, -51.4922



178.2630, -11.9617, 56.7743

Complementary

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



166.5410, -17.5217, -26.7845



153.4590, 17.5217, 26.7845

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.



179.7470, 4.0687, 48.4569



166.5410, -17.5217, -26.7845



176.7730, 31.1709, -11.2019

Square

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



166.5410, -17.5217, -26.7845



152.9560, 36.5037, -88.5384



180.6050, 19.4217, 24.0254



176.6630, -25.4699, 49.4075

Rectangle

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



166.5410, -17.5217, -26.7845



153.7340, 16.4001, -80.4507



180.6050, 19.4217, 24.0254



178.6310, -6.7201, 55.5746

Sweetspot

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



166.5410, -17.5217, -26.7845



236.5120, -6.6614, -10.0960



178.8660, -23.5979, 8.8875



116.9300, -3.9095, -6.0776



250.0000, 0.0000, 0.0000



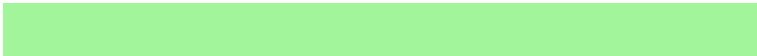
122.0000, 0.0000, 0.0000

Same Dimension

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



166.5410, -17.5217, -26.7845



209.8090, -27.5138, -41.9285



167.6680, -6.7383, -32.1578



90.5820, -2.7519, -4.0184



96.9320, -47.7875, -72.7314



19.0940, -9.4133, -14.1144

Inverse Universe

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



153.4590, 17.5217, 26.7845



189.1910, 27.5138, 41.9285



152.3320, 6.7383, 32.1578



88.7170, 2.6045, 4.6332



61.0680, 47.7875, 72.7314



11.9060, 9.4133, 14.1144

Previews

White Background



This preview shows how the YUV color 166.5410, -17.5217, -26.7845 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 166.5410, -17.5217, -26.7845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

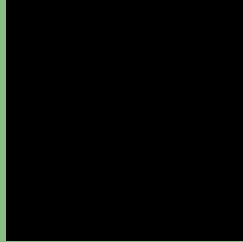
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

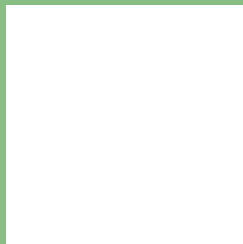
Any Text WCAG AAA ✓ Pass

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

YUV 166.5410, -17.5217, -26.7845 Background



This preview shows how black text looks on a background with the YUV color 166.5410, -17.5217, -26.7845.



This preview shows how white text looks on a background with the YUV color 166.5410, -17.5217, -26.7845.

-26.7845.

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

166.5410, -17.5217, -26.7845

Protanopia

173.4860, -23.9036, 13.6058

Deuteranopia

175.4150, -19.4316, 25.9460



Tritanopia

172.4300, 11.1270, -22.3021

Trichromacy



Original Color

166.5410, -17.5217, -26.7845

Protanomaly

170.9680, -21.6762, -0.8489

Deuteranomaly

172.4080, -18.9351, 6.6582

Tritanomaly

170.3730, 0.8021, -24.0061

Monochromacy



Original Color

166.5410, -17.5217, -26.7845

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9250, -6.3720, -9.5812

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5410, -17.5217, -26.7845 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(136, 189, 131)` looks like.

```
.text, #text, p{  
    color:rgb(136, 189, 131)  
}
```

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(136, 189, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 189, 131) }
```

Border

The CSS property to change the border of an element to YUV 166.5410, -17.5217, -26.7845 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(136, 189, 131) }
```


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

```
.border{ border-color:rgb(136, 189, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 189, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 189, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 189, 131);  
box-shadow:4px 4px 4px 4px rgb(136, 189,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 166.5410, -17.5217, -26.7845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 189, 131) }
```

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

```
.background{ background-color: rgb(136,  
189, 131) }
```

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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