

Converting Colors

YUV(166.6660, -17.0903,
-25.1401)

Have a look what the booklet for
YUV(166.6660, -17.0903, -25.1401)
contains.

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Color

**YUV(166.6660, -17.0903,
-25.1401)**

Conversions

Conversions Part 1

Format	Color
Hex	8ABC84
RGB	138, 188, 132
RGB Percent	54%, 74%, 52%
CMY	0.4588, 0.2627, 0.4824
CMYK	0.27, 0.00, 0.30, 0.26
HSL	114°, 29%, 63%
HSV	114°, 30%, 74%
XYZ	32.6293, 43.0357, 28.4168
YIQ	166.6660, -11.8240, -28.0160

Conversions

Conversions Part 2

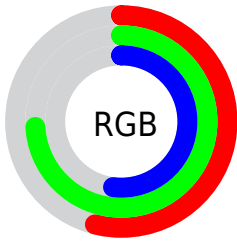
Format	Color
RYB	132, 188, 182
Decimal	9092228
CIELab	71.58, -27.40, 23.19
CIELCh	72, 35.891, 139.755
Yxy	43.0357, 0.3135, 0.4135
Android (android.graphics.Color)	4287282308 (0xFF8ABC84)
YUV	166.6660, -17.0903, -25.1401
Hunter-Lab	65.6016, -26.0193, 20.2383

Details

The YUV color **166.6660, -17.0903, -25.1401** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **153.3340, 17.0903, 25.1401**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0250, -18.2533, -25.4549**, and **113.7200, -15.6380, -24.3104** is the 20% darker color. If you saturate the color by 10%, you get **159.4170, -22.8836, -33.6917**, and if you desaturate by 10%, it is **173.9150, -11.2971, -16.5885**.

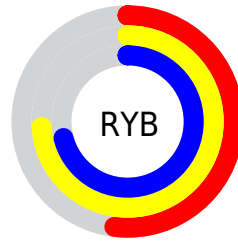
Distribution



Red (54%)

Green (74%)

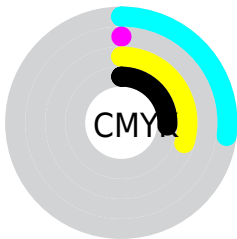
Blue (52%)



Red (52%)

Yellow (74%)

Blue (71%)

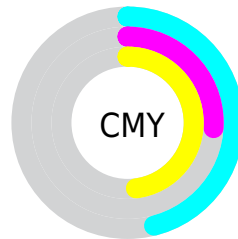


Cyan (27%)

Magenta (0%)

Yellow (30%)

Black (26%)



Cyan (46%)

Magenta (26%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6660, -17.0903, -25.1401 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 166.6660, -17.0903, -25.1401 by changing the saturation by 10% instead.

■ 166.6660,
-17.0903, -25.1401

■ 166.6660,
-17.0903, -25.1401

■ 255.0000, 0.0000,
0.0000

■ 140.1930,
-16.3641, -24.7253

■ 222.0250,
-18.2533, -25.4549

■ 113.7200,
-15.6380, -24.3104

■ 240.0460,
-13.3337, -16.7033

■ 88.8340, -15.2012,
-24.4104

■ 252.0230, -4.9413,
-1.7742

■ 64.4750, -14.0382,
-24.0956

■ 40.3930, -13.0117,
-26.6547

■ 22.8930, -11.2862,
-20.0772

■ 6.4570, -3.1833,

-5.6628

■ 0.0000, 0.0000,
0.0000

■ 166.6660,
-17.0903, -25.1401

■ 166.6660,
-17.0903, -25.1401

■ 159.4170,
-22.8836, -33.6917

■ 173.9150,
-11.2971, -16.5885

■ 152.1680,
-28.6768, -42.2433

■ 181.1640, -5.5039,
-8.0368

■ 145.3320,
-34.1807, -50.2802

■ 188.0000, 0.0000,
0.0000

■ 138.0830,
-39.9739, -58.8318

■ 195.2490, 5.7932,
8.5516

■ 130.8340,
-45.7672, -67.3834

■ 202.4980, 11.5865,
17.1033

■ 123.5850,
-51.5604, -75.9350

■ 209.7470, 17.3797,
25.6549

■ 116.3360,
-57.3536, -84.4867

■ 215.6710, 19.3892,
34.4915

Harmonies

Analogous

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



170.8670, -28.5284, 3.6246



166.6660, -17.0903, -25.1401



160.2890, 1.3365, -55.5045

Triad

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



166.6660, -17.0903, -25.1401



167.2690, 35.3634, -49.3479



178.0670, -11.3720, 54.3152

Complementary

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



166.6660, -17.0903, -25.1401



153.3340, 17.0903, 25.1401

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.



179.4370, 4.2216, 46.0978



166.6660, -17.0903, -25.1401



176.1320, 30.0079, -11.5168

Square

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



166.6660, -17.0903, -25.1401



155.3160, 33.8612, -80.9611



179.7790, 18.8430, 22.9958



176.2930, -24.3014, 47.9780

Rectangle

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



166.6660, -17.0903, -25.1401



155.6100, 14.4893, -74.2030



179.7790, 18.8430, 22.9958



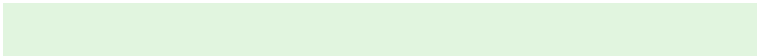
178.4350, -6.1305, 53.1155

Sweetspot

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



166.6660, -17.0903, -25.1401



236.5120, -6.6614, -10.0960



177.5070, -22.4350, 9.2024



116.9300, -3.9095, -6.0776



250.0000, 0.0000, 0.0000



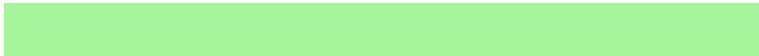
122.0000, 0.0000, 0.0000

Same Dimension

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



166.6660, -17.0903, -25.1401



211.3470, -26.7931, -39.7693



167.2660, -7.0331, -30.9283



90.5820, -2.7519, -4.0184



97.8290, -48.2297, -70.8870



19.0940, -9.4133, -14.1144

Inverse Universe

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



153.3340, 17.0903, 25.1401



190.3540, 26.9405, 39.1545



152.7340, 7.0331, 30.9283



88.4180, 2.7519, 4.0184



60.1710, 48.2297, 70.8870



11.6070, 9.5607, 13.4997

Previews

White Background



This preview shows how the YUV color 166.6660, -17.0903, -25.1401 looks on a white background.

Color Contrast Check

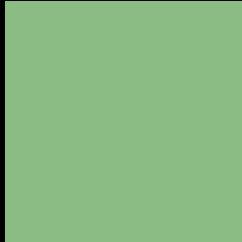
Large Text (above 18pt) WCAG AA × Fail

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 166.6660, -17.0903, -25.1401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

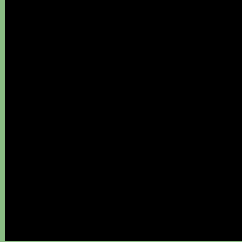
Any Text WCAG AA ✓ Pass

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 166.6660, -17.0903, -25.1401 Background



This preview shows how black text looks on a background with the YUV color 166.6660, -17.0903, -25.1401.



This preview shows how white text looks on a background with the YUV color 166.6660, -17.0903, -25.1401.

-25.1401.

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

166.6660, -17.0903, -25.1401

Protanopia

173.3010, -23.3194, 12.8910

Deuteranopia

175.1160, -19.2842, 25.3313



Tritanopia

172.3270, 10.6848, -20.4578

Trichromacy



Original Color

166.6660, -17.0903, -25.1401

Protanomaly

171.0820, -21.2394, -0.9489

Deuteranomaly

171.9350, -18.2090, 7.0730

Tritanomaly

170.2700, 0.3599, -22.1618

Monochromacy



Original Color

166.6660, -17.0903, -25.1401

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 166.6660, -17.0903, -25.1401 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(138, 188, 132)` looks like.

```
.text, #text, p{  
    color:rgb(138, 188, 132)  
}
```

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(138, 188, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 188, 132) }
```

Border

The CSS property to change the border of an element to YUV 166.6660, -17.0903, -25.1401 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(138, 188, 132) }
```


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

```
.border{ border-color:rgb(138, 188, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 188, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 188, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 188, 132);  
box-shadow:4px 4px 4px 4px rgb(138, 188,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 166.6660, -17.0903, -25.1401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 188, 132) }
```

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

```
.background{ background-color: rgb(138,  
188, 132) }
```

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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