

Converting Colors

YUV(166.5550, -25.4166,
-14.5187)

Have a look what the booklet for
YUV(166.5550, -25.4166, -14.5187)
contains.

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Color

**YUV(166.5550, -25.4166,
-14.5187)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 96B973 |
| RGB | 150, 185, 115 |
| RGB Percent | 59%, 73%, 45% |
| CMY | 0.4118, 0.2745, 0.5490 |
| CMYK | 0.19, 0.00, 0.38, 0.27 |
| HSL | 90°, 33%, 59% |
| HSV | 90°, 38%, 73% |
| XYZ | 33.0212, 42.4198, 22.6671 |
| YIQ | 166.5550, 1.6100, -29.1900 |

Conversions

Conversions Part 2

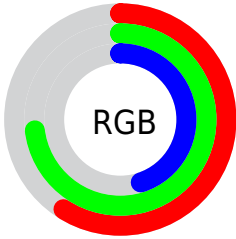
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 115, 185, 150 |
| Decimal | 9877875 |
| CIELab | 71.16, -24.19, 31.74 |
| CIElCh | 71, 39.908, 127.311 |
| Yxy | 42.4198, 0.3366, 0.4324 |
| Android (android.graphics.Color) | 4288067955 (0xFF96B973) |
| YUV | 166.5550, -25.4166, -14.5187 |
| Hunter-Lab | 65.1305, -23.4788, 24.9569 |

Details

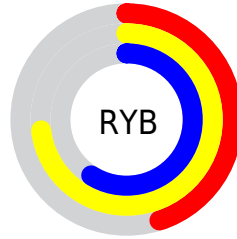
The YUV color **166.5550, -25.4166, -14.5187** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **133.4450, 25.4166, 14.5187**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9140, -26.5796, -14.8336**, and **114.3100, -23.8168, -14.3039** is the 20% darker color. If you saturate the color by 10%, you get **161.8120, -31.9523, -18.2521**, and if you desaturate by 10%, it is **171.4120, -18.4441, -10.8853**.

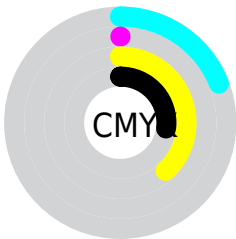
Distribution



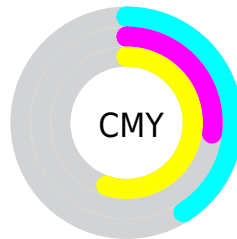
- Red (59%)
- Green (73%)
- Blue (45%)



- Red (45%)
- Yellow (73%)
- Blue (59%)



- Cyan (19%)
- Magenta (0%)
- Yellow (38%)
- Black (27%)



- Cyan (41%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5550, -25.4166, -14.5187 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 166.5550, -25.4166, -14.5187 by changing the saturation by 10% instead.

■ 166.5550,
-25.4166, -14.5187

■ 166.5550,
-25.4166, -14.5187

255.0000, 0.0000,
0.0000

■ 139.7830,
-24.5430, -14.7187

■ 221.9140,
-26.5796, -14.8336

■ 114.3100,
-23.8168, -14.3039

■ 241.8810,
-23.1123, -6.9116

■ 88.8370, -23.0906,
-13.8890

■ 251.3520,
-13.9775, 3.1993

■ 64.5380, -22.9432,
-14.5038

254.6580, -1.3104,
0.2999

■ 42.1080, -20.7592,
-15.0037

■ 21.7190, -10.7075,
-19.0476

■ 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 166.5550,
-25.4166, -14.5187

■ 166.5550,
-25.4166, -14.5187

■ 161.8120,
-31.9523, -18.2521

■ 171.4120,
-18.4441, -10.8853

■ 156.9550,
-38.9248, -21.8855

■ 176.4540,
-12.0558, -6.5372

■ 151.9130,
-45.3131, -26.2337

■ 181.3110, -5.0833,
-2.9037

■ 147.0560,
-52.2856, -29.8671

■ 186.0540, 1.4524,
0.8296

■ 142.1990,
-59.2581, -33.5005

■ 190.9110, 8.4249,
4.4631

■ 137.4560,
-65.7938, -37.2339

■ 195.6540, 14.9606,
8.1964

■ 136.4020,
-67.2462, -38.0636

■ 200.8100, 21.7857,
12.4446

■ 204.6410, 24.8270,
16.9778

■ 207.3320, 23.5003,
22.5108

Harmonies

Analogous

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



170.7500, -34.3867, 16.0053



166.5550, -25.4166, -14.5187



160.0420, -7.4157, -48.2718

Triad

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



166.5550, -25.4166, -14.5187



156.5750, 41.1285, -78.5573



177.6960, -5.2731, 58.1486

Complementary

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



166.5550, -25.4166, -14.5187



133.4450, 25.4166, 14.5187

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.



179.0650, 11.8000, 42.0390



166.5550, -25.4166, -14.5187



171.1340, 36.9089, -31.6895

Square

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



166.5550, -25.4166, -14.5187



137.4420, 39.2221, -120.5366



177.7650, 26.7379, 10.7301



175.7440, -21.5658, 57.2295

Rectangle

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



166.5550, -25.4166, -14.5187



153.3020, 8.2321, -73.9329



177.7650, 26.7379, 10.7301



178.1670, 0.4107, 55.1045

Sweetspot

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



166.5550, -25.4166, -14.5187



233.0350, -9.8773, -5.2927



156.4750, -20.4472, 25.0164



115.7840, -5.8095, -3.3186



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.



166.5550, -25.4166, -14.5187



211.5420, -39.2142, -22.4003



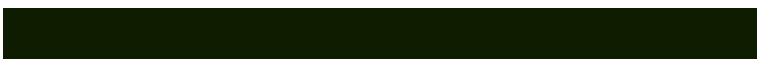
156.0900, -20.2574, -36.0359



89.4790, -3.1941, -2.1741



114.8940, -56.6427, -32.3560



20.6220, -10.1666, -5.8075

Inverse Universe

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



133.4450, 25.4166, 14.5187



160.4580, 39.2142, 22.4003



143.9100, 20.2574, 36.0359



85.2220, 3.3416, 1.5593



41.1060, 56.6427, 32.3560



7.3780, 10.1666, 5.8075

Previews

White Background



This preview shows how the YUV color 166.5550, -25.4166, -14.5187 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 166.5550, -25.4166, -14.5187 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 166.5550, -25.4166, -14.5187 Background



This preview shows how black text looks on a background with the YUV color 166.5550, -25.4166, -14.5187.



This preview shows how white text looks on a background with the YUV color 166.5550, -25.4166, -14.5187.

-14.5187.

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

166.5550, -25.4166, -14.5187

Protanopia

171.3030, -29.7294, 15.5203

Deuteranopia

173.2000, -26.7206, 30.5196



Tritanopia

173.1110, 8.3263, -10.6213

Trichromacy



Original Color

166.5550, -25.4166, -14.5187

Protanomaly

169.5790, -28.3864, 4.7542

Deuteranomaly

170.9160, -26.0876, 14.1057

Tritanomaly

170.5980, -3.7458, -11.9254

Monochromacy



Original Color

166.5550, -25.4166, -14.5187

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1490, -9.4405, -5.3927

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5550, -25.4166, -14.5187 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(150, 185, 115)` looks like.

```
.text, #text, p{  
    color:rgb(150, 185, 115)  
}
```

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(150, 185, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 185, 115) }
```

Border

The CSS property to change the border of an element to YUV 166.5550, -25.4166, -14.5187 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(150, 185, 115) }
```


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

```
.border{ border-color:rgb(150, 185, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 185, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 185, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 185, 115);  
box-shadow:4px 4px 4px 4px rgb(150, 185,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 166.5550, -25.4166, -14.5187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 185, 115) }
```

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

```
.background{ background-color: rgb(150,  
185, 115) }
```

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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