

Converting Colors

YUV(136.2200, 16.6535,
25.2401)

Have a look what the booklet for
YUV(136.2200, 16.6535, 25.2401)
contains.

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Color

**YUV(136.2200, 16.6535,
25.2401)**

Conversions

Conversions Part 1

Format	Color
Hex	A573AA
RGB	165, 115, 170
RGB Percent	65%, 45%, 67%
CMY	0.3529, 0.5490, 0.3333
CMYK	0.03, 0.32, 0.00, 0.33
HSL	295°, 24%, 56%
HSV	295°, 32%, 67%
XYZ	28.9035, 23.1631, 40.9778
YIQ	136.2200, 12.1450, 27.7050

Conversions

Conversions Part 2

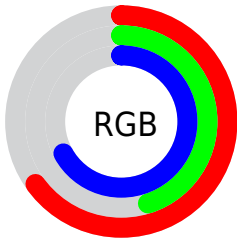
Format	Color
RYB	165, 115, 170
Decimal	10843050
CIELab	55.24, 29.16, -21.57
CIELCh	55, 36.274, 323.514
Yxy	23.1631, 0.3106, 0.2489
Android (android.graphics.Color)	4289033130 (0xFFA573AA)
YUV	136.2200, 16.6535, 25.2401
Hunter-Lab	48.1280, 22.9748, -16.7918

Details

The YUV color $136.2200, 16.6535, 25.2401$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $148.7800, -16.6535, -25.2401$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.3450, 17.0849, 26.8844$, and $85.6820, 15.9328, 23.0809$ is the 20% darker color. If you saturate the color by 10%, you get $125.6430, 21.8680, 32.7621$, and if you desaturate by 10%, it is $146.7970, 11.4391, 17.7180$.

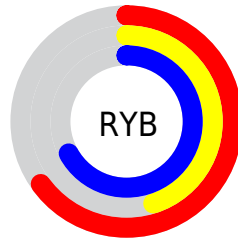
Distribution



Red (65%)

Green (45%)

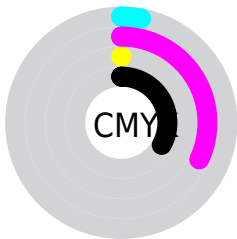
Blue (67%)



Red (65%)

Yellow (45%)

Blue (67%)

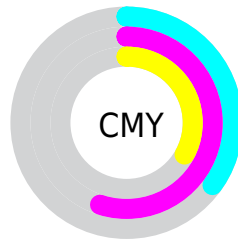


Cyan (3%)

Magenta (32%)

Yellow (0%)

Black (33%)



Cyan (35%)


Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.2200, 16.6535, 25.2401 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 136.2200, 16.6535, 25.2401 by changing the saturation by 10% instead.


 136.2200, 16.6535,
25.2401


 136.2200, 16.6535,
25.2401


255.0000, 0.0000,
0.0000


 110.3940, 16.0748,
24.2105


 190.3450, 17.0849,
26.8844

 85.6820, 15.9328,
23.0809


 218.1710, 17.6637,
27.9140


 61.2690, 15.6434,
22.5661

 236.2160, 9.2605,
16.4736

 37.8560, 15.3540,
22.0513

 253.2390, 0.8682,
1.5444

 17.3180, 14.6332,
19.8921

 4.9430, 9.8881,
1.8040

 0.0000, 0.0000,

0.0000

136.2200, 16.6535,
25.2401

136.2200, 16.6535,
25.2401

125.6430, 21.8680,
32.7621

146.7970, 11.4391,
17.7180

115.3650, 26.9351,
40.8989

157.0750, 6.3720,
9.5812

104.7880, 32.1495,
48.4209

167.6520, 1.1576,
2.0592

94.5100, 37.2166,
56.5577

177.9300, -3.9095,
-6.0776

83.9330, 42.4310,
64.0798

188.5070, -9.1240,
-13.5996

73.6550, 47.4981,
72.2166

198.7850,
-14.1910, -21.7364

65.7250, 51.4076,
78.2942

209.3620,
-19.4055, -29.2585

219.6400,
-24.4725, -37.3953

222.5860,
-25.9249, -38.2249

Harmonies

Analogous

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



133.5840, 27.8131, -7.5282



136.2200, 16.6535, 25.2401



134.9810, 2.4744, 46.4977

Triad

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



136.2200, 16.6535, 25.2401



130.2440, -30.1933, 24.3420



104.6600, 25.3106, -91.7868

Complementary

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



136.2200, 16.6535, 25.2401



148.7800, -16.6535, -25.2401

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.



112.9720, 5.4368, -63.9964



136.2200, 16.6535, 25.2401



127.3010, -26.7704, -0.2640

Square

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



136.2200, 16.6535, 25.2401



132.2600, -24.2852, 42.7450



122.7410, -14.1693, -28.7139



105.8630, 37.5355, -92.8419

Rectangle

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



136.2200, 16.6535, 25.2401



134.0820, -7.4354, 51.6711



122.7410, -14.1693, -28.7139



104.1070, 20.6532, -91.3018

Sweetspot

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



136.2200, 16.6535, 25.2401



208.4880, 6.6614, 10.0960



124.2050, 22.5769, -8.0728



104.0700, 3.9095, 6.0776



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



136.2200, 16.6535, 25.2401



168.5390, 26.3563, 39.8693



135.2070, 6.3069, 30.5135



79.0050, 2.4625, 3.5036



56.9380, 44.8936, 67.5834



7.9610, 5.9352, 9.6812

Inverse Universe

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



132.0150, -5.9234, 33.3128



161.9250, -9.3300, 52.6858



149.7930, -6.3069, -30.5135



78.5060, -0.7425, 4.8182



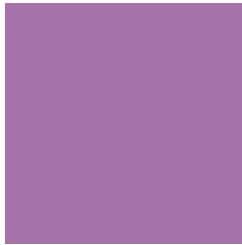
45.7340, -16.1379, 89.6873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 136.2200, 16.6535, 25.2401 looks on a white background.

Color Contrast Check

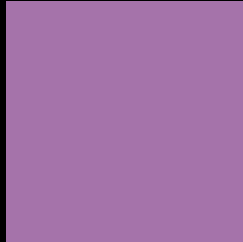
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.2200, 16.6535, 25.2401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

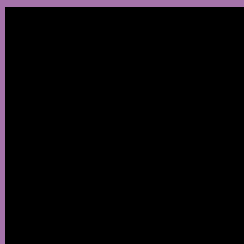
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.2200, 16.6535, 25.2401 Background



This preview shows how black text looks on a background with the YUV color 136.2200, 16.6535, 25.2401.



This preview shows how white text looks on a background with the YUV color 136.2200, 16.6535,

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

136.2200, 16.6535, 25.2401

Protanopia

132.9270, 24.1930, -13.0910

Deuteranopia

133.3210, 16.6037, -5.5435



Tritanopia

135.0890, -1.5229, 21.8469

Trichromacy



Original Color

136.2200, 16.6535, 25.2401

Protanomaly

134.0320, 21.6762, 0.8489

Deuteranomaly

134.6860, 16.4238, 5.5374

Tritanomaly

135.5220, 5.1657, 23.2212

Monochromacy



Original Color

136.2200, 16.6535, 25.2401

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9610, 5.9352, 9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2200, 16.6535, 25.2401 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(165, 115, 170)` looks like.

```
.text, #text, p{  
    color:rgb(165, 115, 170)  
}
```

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(165, 115, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 115, 170) }
```

Border

The CSS property to change the border of an element to YUV 136.2200, 16.6535, 25.2401 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(165, 115, 170) }
```


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

```
.border{ border-color:rgb(165, 115, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 115, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 115, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 115, 170);  
box-shadow:4px 4px 4px 4px rgb(165, 115,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 136.2200, 16.6535, 25.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 115, 170) }
```

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

```
.background{ background-color: rgb(165,  
115, 170) }
```

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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