

Converting Colors

YUV(22.5660, 55.4300, 1.2576)

Have a look what the booklet for
YUV(22.5660, 55.4300, 1.2576)
contains.

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Color

**YUV(22.5660, 55.4300,
1.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	180087
RGB	24, 0, 135
RGB Percent	9%, 0%, 53%
CMY	0.9059, 1.0000, 0.4706
CMYK	0.82, 1.00, 0.00, 0.47
HSL	251°, 100%, 26%
HSV	251°, 100%, 53%
XYZ	4.7499, 1.9435, 23.0464
YIQ	22.5660, -29.0310, 47.0730

Conversions

Conversions Part 2

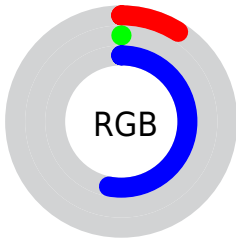
Format	Color
R_{YB}	24, 0, 135
Decimal	1572999
CIE _{Lab}	15.19, 49.74, -65.42
CIE _{LCh}	15, 82.181, 307.246
Yxy	1.9435, 0.1597, 0.0653
Android (android.graphics.Color)	4279763079 (0xFF180087)
YUV	22.5660, 55.4300, 1.2576
Hunter-Lab	13.9408, 36.4215, -88.2576

Details

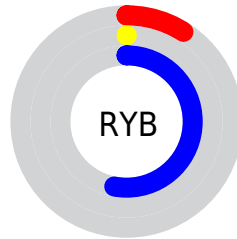
The YUV color **22.5660, 55.4300, 1.2576** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **112.4340, -55.4300, -1.2576**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.5780, 53.9450, 10.8941**, and **9.5760, 36.6910, -8.3982** is the 20% darker color. If you saturate the color by 10%, you get **22.5660, 55.4300, 1.2576**, and if you desaturate by 10%, it is **33.4860, 50.0464, 1.3278**.

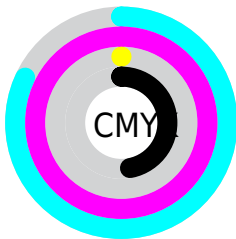
Distribution



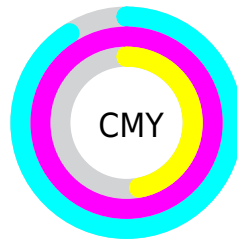
- Red (9%)
- Green (0%)
- Blue (53%)



- Red (9%)
- Yellow (0%)
- Blue (53%)



- Cyan (82%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (91%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.5660, 55.4300, 1.2576 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 22.5660, 55.4300, 1.2576 by changing the saturation by 10% instead.

■ 22.5660, 55.4300,
1.2576

■ 22.5660, 55.4300,
1.2576

■ 246.7820, 4.0515,
7.2072

■ 12.4260, 47.6110,
-10.8976

■ 80.5780, 53.9450,
10.8941

■ 9.5760, 36.6910,
-8.3982

■ 107.1160, 54.6658,
13.0533

■ 10.2480, 24.0347,
-8.9875

■ 134.3550, 55.5340,
14.5977

■ 5.3920, 15.5827,
-4.7288

■ 159.2000, 47.2294,
18.2416

■ 2.0690, 5.3890,
-1.8145

■ 183.4320, 35.2830,
23.3001

■ 0.0000, 0.0000,
0.0000

■ 208.8380, 22.7579,

27.3291

■ 229.7590, 12.4438,
22.1364

■ 22.5660, 55.4300,
1.2576

■ 33.4860, 50.0464,
1.3278

■ 44.9930, 44.3735,
0.8831

■ 56.5000, 38.7005,
0.4385

■ 67.4200, 33.3169,
0.5087

■ 79.2260, 27.4966,
0.6788

■ 90.1460, 22.1130,
0.7490

■ 101.0660, 16.7295,
0.8191

■ 112.5730, 11.0565,
0.3745

■ 124.0800, 5.3836,
-0.0702

Harmonies

Analogous

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



45.8290, 56.2863, -40.1920



22.5660, 55.4300, 1.2576



42.5800, 20.9131, 59.1273

Triad

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



22.5660, 55.4300, 1.2576



29.5020, -14.5445, 45.1637



38.2130, 6.7970, -33.5128

Complementary

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



22.5660, 55.4300, 1.2576



112.4340, -55.4300, -1.2576

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.



31.6980, -15.6271, -27.7991



22.5660, 55.4300, 1.2576



34.5320, -17.0243, 0.4104

Square

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



22.5660, 55.4300, 1.2576



34.0860, -16.8044, 70.0846



29.9370, -14.7589, -26.2547



46.5860, 31.2631, -40.8559

Rectangle

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



22.5660, 55.4300, 1.2576



43.0320, 1.9562, 72.7629



29.9370, -14.7589, -26.2547



35.2320, -2.0864, -30.8985

Sweetspot

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



22.5660, 55.4300, 1.2576



132.0320, 21.6762, 0.8489



81.1340, 26.5559, -71.1545



62.4420, 13.0931, 0.4894



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



22.5660, 55.4300, 1.2576



29.3330, 72.3068, 1.4620



42.3000, 45.7011, 41.8329



60.9830, 2.4734, 0.0149



21.6970, 53.3934, 1.1427



0.3420, 1.3104, -0.2999

Inverse Universe

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



53.0190, 28.5846, 71.8973



69.1540, 37.3921, 93.7039



92.7000, -45.7011, -41.8329



62.3640, 1.2995, 3.1888



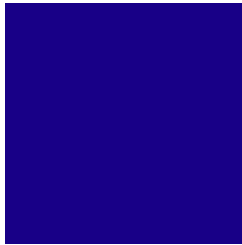
51.0680, 27.5745, 69.2234



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 22.5660, 55.4300, 1.2576 looks on a white background.

Color Contrast Check

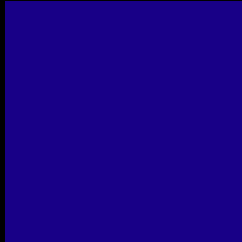
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 22.5660, 55.4300, 1.2576 looks on a black 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

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

YUV 22.5660, 55.4300, 1.2576

Background



This preview shows how black text looks on a background with the YUV color 22.5660, 55.4300, 1.2576.



This preview shows how white text looks on a background with the YUV color 22.5660, 55.4300,

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



Protanopia

33.7570, 25.2628, -29.6049

Deuteranopia

33.4490, 19.0056, -29.3348

Tritanopia

33.1750, 7.8017, -29.0945

Trichromacy



Protanomaly

29.6950, 36.1394, -18.1495

Deuteranomaly

29.3700, 32.3556, -17.8645

Tritanomaly

29.4210, 24.9354, -17.9092

Monochromacy



Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

22.9780, 20.2238, 0.0193

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.5660, 55.4300, 1.2576 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(24, 0, 135)` looks like.

```
.text, #text, p{  
    color:rgb(24, 0, 135)  
}
```

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(24, 0, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 0, 135) }
```

Border

The CSS property to change the border of an element to YUV 22.5660, 55.4300, 1.2576 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(24, 0, 135) }
```

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

```
.border{ border-color:rgb(24, 0, 135) }
```

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

Here you see how a box with a 4 pixel rgb(24, 0, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 0, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 0, 135);  
box-shadow:4px 4px 4px 4px rgb(24, 0, 135)  
}
```


Background

The CSS property to change the background color of an element to YUV 22.5660, 55.4300, 1.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 0, 135) }
```

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

```
.background{ background-color: rgb(24, 0,  
135) }
```

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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