

Converting Colors

YUV(111.1670, 30.4837,
22.6555)

Have a look what the booklet for
YUV(111.1670, 30.4837, 22.6555)
contains.

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Color

**YUV(111.1670, 30.4837,
22.6555)**

Conversions

Conversions Part 1

Format	Color
Hex	8956AD
RGB	137, 86, 173
RGB Percent	54%, 34%, 68%
CMY	0.4627, 0.6627, 0.3216
CMYK	0.21, 0.50, 0.00, 0.32
HSL	275°, 35%, 51%
HSV	275°, 50%, 68%
XYZ	21.1871, 14.9911, 41.3120
YIQ	111.1670, 2.4690, 37.8690

Conversions

Conversions Part 2

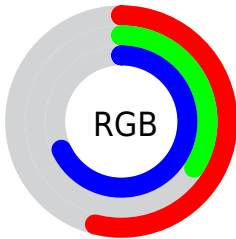
Format	Color
R_{YB}	137, 86, 173
Decimal	9000621
CIE _{Lab}	45.62, 37.55, -38.54
CIE _{LCh}	46, 53.815, 314.255
Yxy	14.9911, 0.2734, 0.1935
Android (android.graphics.Color)	4287190701 (0xFF8956AD)
YUV	111.1670, 30.4837, 22.6555
Hunter-Lab	38.7183, 29.9204, -36.1590

Details

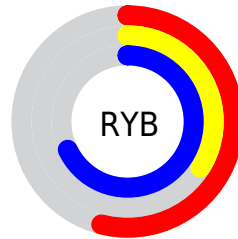
The YUV color **111.1670, 30.4837, 22.6555** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **147.8330, -30.4837, -22.6555**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9330, 32.0780, 24.6148**, and **61.1020, 29.0367, 20.0815** is the 20% darker color. If you saturate the color by 10%, you get **99.0950, 36.4352, 27.1037**, and if you desaturate by 10%, it is **123.2390, 24.5322, 18.2074**.

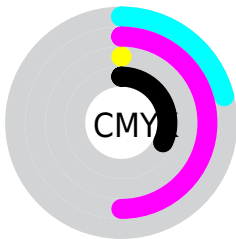
Distribution



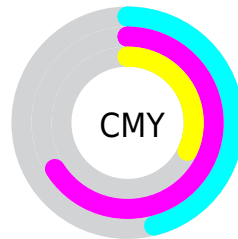
- Red (54%)
- Green (34%)
- Blue (68%)



- Red (54%)
- Yellow (34%)
- Blue (68%)



- Cyan (21%)
- Magenta (50%)
- Yellow (0%)
- Black (32%)



- Cyan (46%)
- Magenta (66%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.1670, 30.4837, 22.6555 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 111.1670, 30.4837, 22.6555 by changing the saturation by 10% instead.

111.1670, 30.4837,
22.6555

111.1670, 30.4837,
22.6555

255.0000, 0.0000,
0.0000

85.9280, 29.6155,
21.1111

163.9330, 32.0780,
24.6148

61.1020, 29.0367,
20.0815

191.4170, 31.3464,
25.9443

35.5150, 29.3261,
20.5963

215.9370, 19.2581,
29.8733

18.2600, 26.0008,
13.8040

234.4550, 10.1287,
18.0180

6.6680, 20.3767,
-2.3398

250.8910, 2.0257,
3.6036

3.5510, 11.0674,
-3.1142

0.0000, 0.0000,

0.0000

■ 111.1670, 30.4837,
22.6555

■ 111.1670, 30.4837,
22.6555

■ 99.0950, 36.4352,
27.1037

■ 123.2390, 24.5322,
18.2074

■ 86.4360, 42.6761,
32.0666

■ 135.8980, 18.2913,
13.2445

■ 74.3640, 48.6275,
36.5148

■ 147.9700, 12.3398,
8.7963

■ 61.9930, 54.7265,
40.3481

■ 160.3410, 6.2409,
4.9629

■ 49.9210, 60.6779,
44.7963

■ 173.0000, 0.0000,
0.0000

■ 185.0720, -5.9515,
-4.4481

■ 197.1440,
-11.9030, -8.8963

■ 209.2160,
-17.8545, -13.3444

■ 221.8750,
-24.0954, -18.3074

Harmonies

Analogous

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



100.1140, 47.2718, -42.1960



111.1670, 30.4837, 22.6555



107.5280, 13.0507, 60.9269

Triad

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



111.1670, 30.4837, 22.6555



102.1740, -47.4138, 41.0664



90.4290, 19.0155, -79.3062

Complementary

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



111.1670, 30.4837, 22.6555



147.8330, -30.4837, -22.6555

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.



83.8970, -0.9352, -73.5777



111.1670, 30.4837, 22.6555



99.2210, -48.9160, 9.4532

Square

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



111.1670, 30.4837, 22.6555



104.0670, -28.1340, 63.9622



92.9890, -27.1096, -31.5624



93.9290, 37.5030, -82.3757

Rectangle

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



111.1670, 30.4837, 22.6555



104.0490, -0.5172, 72.7480



92.9890, -27.1096, -31.5624



88.6050, 12.0267, -77.7066

Sweetspot

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



111.1670, 30.4837, 22.6555



200.4430, 11.6136, 8.3815



117.0500, 27.5834, -27.2308



97.8680, 6.9671, 5.3778



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.



111.1670, 30.4837, 22.6555



128.8970, 46.8858, 35.1703



121.1330, 22.1194, 45.4874



80.5210, 3.1941, 2.1741



43.4120, 52.5479, 39.1037



6.5090, 8.1301, 5.6926

Inverse Universe

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



116.1170, 2.9003, 49.8864



136.3360, 4.2714, 76.8813



137.8670, -22.1194, -45.4874



81.1470, 0.4205, 5.1331



51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 111.1670, 30.4837, 22.6555 looks on a white background.

Color Contrast Check

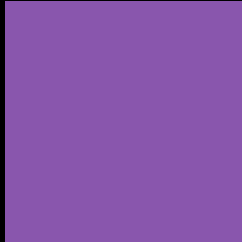
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.1670, 30.4837, 22.6555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

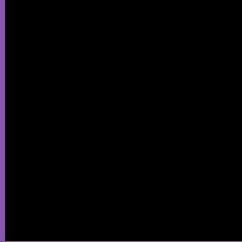
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.1670, 30.4837, 22.6555

Background



This preview shows how black text looks on a background with the YUV color 111.1670, 30.4837, 22.6555.



This preview shows how white text looks on a background with the YUV color 111.1670, 30.4837,

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

111.1670, 30.4837, 22.6555

Protanopia

104.6270, 42.5819, -31.2449

Deuteranopia

105.6850, 31.2143, -25.1567



Tritanopia

109.6860, -0.3382, 15.1844

Trichromacy



Original Color

111.1670, 30.4837, 22.6555

Protanomaly

107.1950, 37.8649, -11.5720

Deuteranomaly

107.6810, 30.7233, -7.6132

Tritanomaly

110.5690, 10.5655, 17.9180

Monochromacy



Original Color

111.1670, 30.4837, 22.6555

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0300, 11.3242, 7.8667

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.1670, 30.4837, 22.6555 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(137, 86, 173)` looks like.

```
.text, #text, p{  
    color:rgb(137, 86, 173)  
}
```

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(137, 86, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 86, 173) }
```

Border

The CSS property to change the border of an element to YUV 111.1670, 30.4837, 22.6555 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(137, 86, 173) }
```


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

```
.border{ border-color:rgb(137, 86, 173) }
```

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

Here you see how a box with a 4 pixel rgb(137, 86, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 86, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 86, 173);  
box-shadow:4px 4px 4px 4px rgb(137, 86,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 111.1670, 30.4837, 22.6555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 86, 173) }
```

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

```
.background{ background-color: rgb(137, 86,  
173) }
```

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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