

Converting Colors

YUV(106.5620, 61.8409,
45.1111)

Have a look what the booklet for
YUV(106.5620, 61.8409, 45.1111)
contains.

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Color

**YUV(106.5620, 61.8409,
45.1111)**

Conversions

Conversions Part 1

Format	Color
Hex	9E38E8
RGB	158, 56, 232
RGB Percent	62%, 22%, 91%
CMY	0.3804, 0.7804, 0.0902
CMYK	0.32, 0.76, 0.00, 0.09
HSL	275°, 79%, 56%
HSV	275°, 76%, 91%
XYZ	30.0802, 15.9236, 77.8321
YIQ	106.5620, 4.2960, 76.3600

Conversions

Conversions Part 2

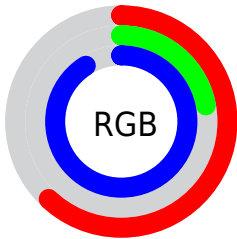
Format	Color
R_{YB}	158, 56, 232
Decimal	10369256
CIE _{Lab}	46.87, 69.73, -70.42
CIE _{LCh}	47, 99.101, 314.716
Yxy	15.9236, 0.2429, 0.1286
Android (android.graphics.Color)	4288559336 (0xFF9E38E8)
YUV	106.5620, 61.8409, 45.1111
Hunter-Lab	39.9044, 64.7216, -87.7098

Details

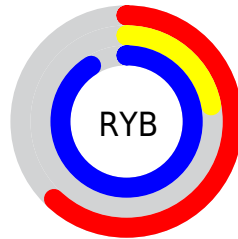
The YUV color **106.5620, 61.8409, 45.1111** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **181.4380, -61.8409, -45.1111**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5830, 46.5476, 50.3547**, and **49.5510, 61.8464, 43.3668** is the 20% darker color. If you saturate the color by 10%, you get **90.0710, 69.9710, 50.8037**, and if you desaturate by 10%, it is **123.0530, 53.7109, 39.4185**.

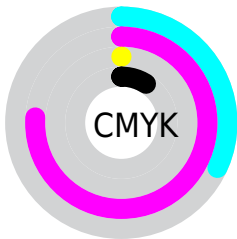
Distribution



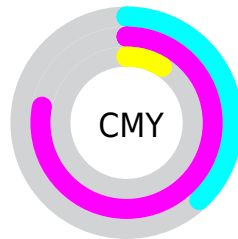
- Red (62%)
- Green (22%)
- Blue (91%)



- Red (62%)
- Yellow (22%)
- Blue (91%)



- Cyan (32%)
- Magenta (76%)
- Yellow (0%)
- Black (9%)



- Cyan (38%)
- Magenta (78%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.5620, 61.8409, 45.1111 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 106.5620, 61.8409, 45.1111 by changing the saturation by 10% instead.

106.5620, 61.8409,
45.1111

106.5620, 61.8409,
45.1111

255.0000, 0.0000,
0.0000

73.4530, 63.8667,
48.7147

160.5830, 46.5476,
50.3547

49.5510, 61.8464,
43.3668

185.9890, 34.0224,
54.3836

37.2040, 54.6224,
27.0081

204.5180, 24.8876,
44.2727

23.9600, 47.8407,
8.8051

221.5410, 16.4953,
29.3435

10.8300, 41.4958,
-9.4979

238.5640, 8.1029,
14.4144

7.9800, 30.5759,
-6.9985

7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 106.5620, 61.8409,
45.1111

■ 106.5620, 61.8409,
45.1111

■ 90.0710, 69.9710,
50.8037

■ 123.0530, 53.7109,
39.4185

■ 73.5800, 78.1011,
56.4963

■ 139.5440, 45.5808,
33.7259

■ 66.5140, 81.5846,
59.1852

■ 156.3230, 37.3088,
26.9037

■ 172.8140, 29.1787,
21.2111

■ 189.3050, 21.0486,
15.5185

■ 205.7960, 12.9186,
9.8259

■ 221.9880, 4.9359,
3.5185

■ 239.0660, -3.4835,
-2.6889

■ 249.6870, -8.7197,
-3.2335

Harmonies

Analogous

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



93.6400, 79.5505, -82.1223



106.5620, 61.8409, 45.1111



87.2660, 34.3789, 126.9317

Triad

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



106.5620, 61.8409, 45.1111



104.2470, -51.3938, 57.6654



100.6820, 25.2998, -88.2981

Complementary

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



106.5620, 61.8409, 45.1111



181.4380, -61.8409, -45.1111

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.



89.3620, -12.9965, -78.3705



106.5620, 61.8409, 45.1111



99.7420, -49.1728, -1.5277

Square

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



106.5620, 61.8409, 45.1111



76.3570, -37.6440, 127.7289



78.6580, -38.7784, -68.9831



109.4600, 58.9332, -95.9964

Rectangle

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



106.5620, 61.8409, 45.1111



85.4810, 8.1439, 141.6522



78.6580, -38.7784, -68.9831



97.3760, 12.6326, -85.3988

Sweetspot

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



106.5620, 61.8409, 45.1111



212.8920, 20.7592, 15.0037



120.6760, 54.8827, -56.7209



102.0840, 12.7766, 8.6963



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



106.5620, 61.8409, 45.1111



89.5140, 81.5846, 59.1852



127.3200, 45.6912, 91.8044



106.4610, 4.2097, 3.1037



51.2030, 63.0039, 45.4260



14.7840, 17.8545, 13.3444

Inverse Universe

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



117.0600, 6.3794, 100.8024



103.5400, 8.6078, 132.8304



160.6800, -45.6912, -91.8044



107.1580, 0.4151, 6.8774



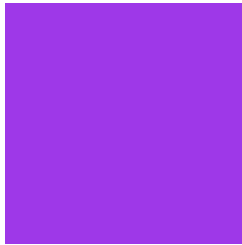
62.0710, 6.3740, 102.5467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 106.5620, 61.8409, 45.1111 looks on a white background.

Color Contrast Check

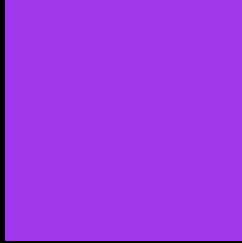
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.5620, 61.8409, 45.1111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

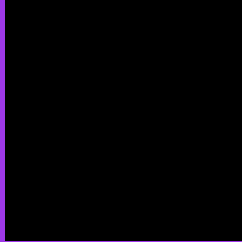
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.5620, 61.8409, 45.1111

Background



This preview shows how black text looks on a background with the YUV color 106.5620, 61.8409, 45.1111.



This preview shows how white text looks on a background with the YUV color 106.5620, 61.8409, 45.1111.

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

106.5620, 61.8409, 45.1111

Protanopia

88.6870, 68.1883, -77.7785

Deuteranopia

89.3760, 53.0586, -78.3828



Tritanopia

113.0780, -1.5175, 20.1026

Trichromacy



Original Color

106.5620, 61.8409, 45.1111



Protanomaly

94.8050, 66.1581, -33.1550



Deuteranomaly

95.5740, 56.4120, -33.8294



Tritanomaly

110.5070, 21.4420, 29.3734

Monochromacy



Original Color

106.5620, 61.8409, 45.1111



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.6580, 22.3536, 16.9629

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.5620, 61.8409, 45.1111 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(158, 56, 232)` looks like.

```
.text, #text, p{  
    color:rgb(158, 56, 232)  
}
```

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(158, 56, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 56, 232) }
```

Border

The CSS property to change the border of an element to YUV 106.5620, 61.8409, 45.1111 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(158, 56, 232) }
```


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

```
.border{ border-color:rgb(158, 56, 232) }
```

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

Here you see how a box with a 4 pixel rgb(158, 56, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 56, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 56, 232);  
box-shadow:4px 4px 4px 4px rgb(158, 56,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 106.5620, 61.8409, 45.1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 56, 232) }
```

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

```
.background{ background-color: rgb(158, 56,  
232) }
```

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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