

Converting Colors

YUV(106.5430, 13.5363,
45.1278)

Have a look what the booklet for
YUV(106.5430, 13.5363, 45.1278)
contains.

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Color

**YUV(106.5430, 13.5363,
45.1278)**

Conversions

Conversions Part 1

Format	Color
Hex	9E4B86
RGB	158, 75, 134
RGB Percent	62%, 29%, 53%
CMY	0.3804, 0.7059, 0.4745
CMYK	0.00, 0.53, 0.15, 0.38
HSL	317°, 36%, 46%
HSV	317°, 53%, 62%
XYZ	20.9197, 14.0225, 24.1583
YIQ	106.5430, 30.5290, 35.9450

Conversions

Conversions Part 2

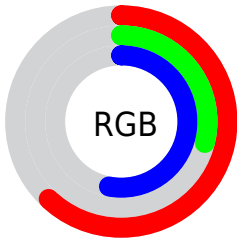
Format	Color
R_{YB}	158, 75, 134
Decimal	10374022
CIE _{Lab}	44.27, 42.12, -17.17
CIE _{LCh}	44, 45.488, 337.820
Yxy	14.0225, 0.3540, 0.2373
Android (android.graphics.Color)	4288564102 (0xFF9E4B86)
YUV	106.5430, 13.5363, 45.1278
Hunter-Lab	37.4466, 34.1882, -12.0377

Details

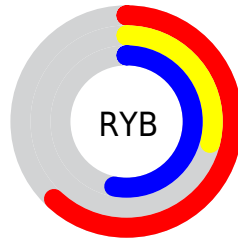
The YUV color **106.5430, 13.5363, 45.1278** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **126.4570, -13.5363, -45.1278**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8530, 13.3835, 47.4869**, and **53.5860, 14.9941, 44.2131** is the 20% darker color. If you saturate the color by 10%, you get **96.5810, 15.9826, 53.8645**, and if you desaturate by 10%, it is **116.5050, 11.0900, 36.3911**.

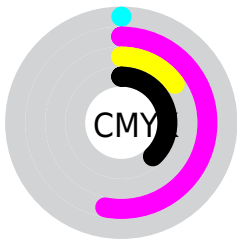
Distribution



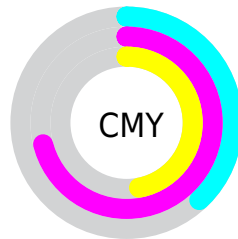
- Red (62%)
- Green (29%)
- Blue (53%)



- Red (62%)
- Yellow (29%)
- Blue (53%)



- Cyan (0%)
- Magenta (53%)
- Yellow (15%)
- Black (38%)





- Cyan (38%)
- Magenta (71%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.5430, 13.5363, 45.1278 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 106.5430, 13.5363, 45.1278 by changing the saturation by 10% instead.


 106.5430, 13.5363,
45.1278


 106.5430, 13.5363,
45.1278


255.0000, 0.0000,
0.0000


 80.3580, 14.1205,
44.4130

 159.8530, 13.3835,
47.4869


 53.5860, 14.9941,
44.2131


 187.8640, 13.3780,
49.2313


 30.2760, 15.1469,
41.8539

 210.3080, 16.6102,
39.1949

 20.5920, 9.0751,
29.2988

 227.9980, 13.3120,
23.6808

 10.0110, 3.4456,
14.8994

 245.0210, 4.9196,
8.7516

 0.0000, 0.0000,
0.0000

106.5430, 13.5363,
45.1278

106.5430, 13.5363,
45.1278

96.5810, 15.9826,
53.8645

116.5050, 11.0900,
36.3911

86.7330, 18.8656,
62.5012

126.3530, 8.2070,
27.7544

77.3580, 21.0225,
70.7230

135.7280, 6.0501,
19.5325

67.5100, 23.9056,
79.3597

145.5760, 3.1670,
10.8958

60.0100, 25.6311,
85.9372

155.5380, 0.7208,
2.1592

165.3860, -2.1623,
-6.4775

175.3480, -4.6086,
-15.2142

184.7230, -6.7654,

-23.4361

■ 194.5710, -9.6485,
-32.0728

Harmonies

Analogous

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



107.2210, 28.4850, 10.3302



106.5430, 13.5363, 45.1278



103.1740, -3.5368, 61.2374

Triad

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



106.5430, 13.5363, 45.1278



99.0010, -38.4545, 14.0311



88.7140, 30.2140, -77.8022

Complementary

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



106.5430, 13.5363, 45.1278



126.4570, -13.5363, -45.1278

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.



85.1970, 14.1999, -74.7178



106.5430, 13.5363, 45.1278



94.6040, -26.4268, -17.1927

Square

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



106.5430, 13.5363, 45.1278



101.6050, -34.3153, 39.8114



79.5770, -2.2565, -69.7890



87.9280, 42.4335, -77.1129

Rectangle

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



106.5430, 13.5363, 45.1278



102.4870, -15.0301, 60.9629



79.5770, -2.2565, -69.7890



87.4600, 25.4092, -76.7024

Sweetspot

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



106.5430, 13.5363, 45.1278



186.4890, 5.1819, 17.9881



91.6380, 32.7165, 6.4565



92.5760, 3.1670, 10.8958



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



106.5430, 13.5363, 45.1278



125.7710, 21.3119, 71.2378



101.8690, -4.3724, 49.2269



74.0760, 1.4415, 4.3183



54.3850, 23.4742, 77.7154



5.7390, 2.5937, 8.1219

Inverse Universe

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



106.5430, 13.5363, 45.1278



125.7710, 21.3119, 71.2378



131.1310, 4.3724, -49.2269



74.0760, 1.4415, 4.3183



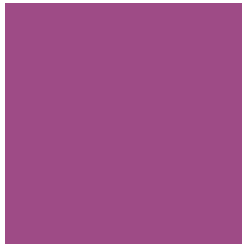
54.3850, 23.4742, 77.7154



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 106.5430, 13.5363, 45.1278 looks on a white background.

Color Contrast Check

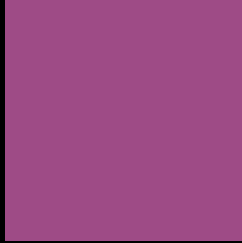
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.5430, 13.5363, 45.1278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

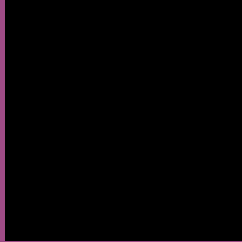
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.5430, 13.5363, 45.1278

Background



This preview shows how black text looks on a background with the YUV color 106.5430, 13.5363, 45.1278.



This preview shows how white text looks on a background with the YUV color 106.5430, 13.5363,

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

106.5430, 13.5363, 45.1278

Protanopia

105.1440, 25.0720, -15.0353

Deuteranopia

105.9640, 11.3567, -2.5994



Tritanopia

106.3150, -7.5503, 41.8197

Trichromacy



Original Color

106.5430, 13.5363, 45.1278

Protanomaly

105.2500, 21.0758, 6.7968

Deuteranomaly

106.3020, 12.1761, 14.6441

Tritanomaly

106.0900, 0.4486, 42.8941

Monochromacy



Original Color

106.5430, 13.5363, 45.1278

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7770, 5.0399, 16.8586

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.5430, 13.5363, 45.1278 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, 75, 134)` looks like.

```
.text, #text, p{  
    color:rgb(158, 75, 134)  
}
```

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, 75, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 75, 134) }
```

Border

The CSS property to change the border of an element to YUV 106.5430, 13.5363, 45.1278 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, 75, 134) }
```


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

```
.border{ border-color:rgb(158, 75, 134) }
```

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

Here you see how a box with a 4 pixel rgb(158, 75, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 75, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 75, 134);  
box-shadow:4px 4px 4px 4px rgb(158, 75,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 106.5430, 13.5363, 45.1278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 75, 134) }
```

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

```
.background{ background-color: rgb(158, 75,  
134) }
```

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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