

Converting Colors

YUV(96.3570, 15.6000, 36.5209)

Have a look what the booklet for
YUV(96.3570, 15.6000, 36.5209)
contains.

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Color

**YUV(96.3570, 15.6000,
36.5209)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4580
RGB	138, 69, 128
RGB Percent	54%, 27%, 50%
CMY	0.4588, 0.7294, 0.4980
CMYK	0.00, 0.50, 0.07, 0.46
HSL	309°, 33%, 41%
HSV	309°, 50%, 54%
XYZ	16.5056, 11.2180, 21.7174
YIQ	96.3570, 22.1850, 32.9770

Conversions

Conversions Part 2

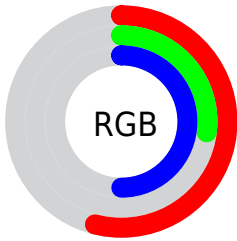
Format	Color
R_{YB}	138, 69, 128
Decimal	9061760
CIE _{Lab}	39.95, 37.81, -20.40
CIE _{LCh}	40, 42.963, 331.656
Yxy	11.2180, 0.3338, 0.2269
Android (android.graphics.Color)	4287251840 (0xFF8A4580)
YUV	96.3570, 15.6000, 36.5209
Hunter-Lab	33.4933, 29.3521, -14.9989

Details

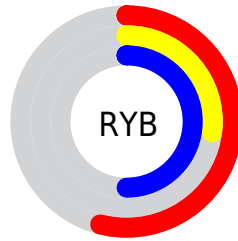
The YUV color **96.3570, 15.6000, 36.5209** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **110.6430, -15.6000, -36.5209**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7810, 15.8840, 38.7801**, and **45.2860, 16.6210, 35.7062** is the 20% darker color. If you saturate the color by 10%, you get **87.9110, 18.7779, 43.9281**, and if you desaturate by 10%, it is **104.8030, 12.4221, 29.1138**.

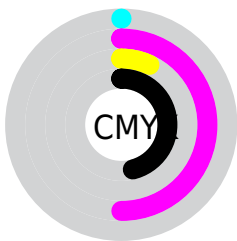
Distribution



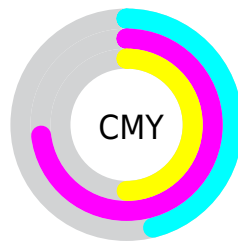
- Red (54%)
- Green (27%)
- Blue (50%)



- Red (54%)
- Yellow (27%)
- Blue (50%)



- Cyan (0%)
- Magenta (50%)
- Yellow (7%)
- Black (46%)



- Cyan (46%)
- Magenta (73%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3570, 15.6000, 36.5209 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 96.3570, 15.6000, 36.5209 by changing the saturation by 10% instead.

96.3570, 15.6000,
36.5209

96.3570, 15.6000,
36.5209

255.0000, 0.0000,
0.0000

71.0580, 15.7474,
35.9061

148.7810, 15.8840,
38.7801

45.2860, 16.6210,
35.7062

175.6070, 16.4627,
39.8097

24.6230, 15.4689,
31.9026

203.6180, 16.4573,
41.5540

16.1350, 8.8074,
21.8066

223.3020, 15.6271,
27.7991

0.7980, 3.0576,
-0.6998

240.3250, 7.2348,
12.8700

0.0000, 0.0000,
0.0000

96.3570, 15.6000,
36.5209

96.3570, 15.6000,
36.5209

87.9110, 18.7779,
43.9281

104.8030, 12.4221,
29.1138

79.4650, 21.9558,
51.3352

113.2490, 9.2442,
21.7066

71.6060, 24.8442,
58.2275

121.1080, 6.3558,
14.8143

63.1600, 28.0221,
65.6347

129.5540, 3.1779,
7.4071

54.7140, 31.2000,
73.0418

138.0000, 0.0000,
0.0000

146.4460, -3.1779,
-7.4071

154.8920, -6.3558,
-14.8143

162.7510, -9.2442,

-21.7066

■ 171.1970,
-12.4221, -29.1138

Harmonies

Analogous

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



95.8670, 28.6596, 0.9936



96.3570, 15.6000, 36.5209



93.1670, 0.4107, 55.1045

Triad

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



96.3570, 15.6000, 36.5209



89.3050, -36.1394, 18.1495



79.3900, 24.9507, -69.6250

Complementary

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



96.3570, 15.6000, 36.5209



110.6430, -15.6000, -36.5209

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.



75.9870, 9.3734, -66.6406



96.3570, 15.6000, 36.5209



86.1920, -28.1957, -9.8154

Square

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



96.3570, 15.6000, 36.5209



91.7560, -29.9527, 40.5560



74.6070, -7.6943, -52.2753



79.8920, 37.0282, -70.0653

Rectangle

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



96.3570, 15.6000, 36.5209



91.9040, -10.7987, 57.0892



74.6070, -7.6943, -52.2753



78.7230, 19.8566, -69.0401

Sweetspot

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



96.3570, 15.6000, 36.5209



162.6950, 6.0664, 14.2995



79.5570, 28.8124, -1.3655



79.3800, 3.7567, 8.4367



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.



96.3570, 15.6000, 36.5209



113.7800, 24.2655, 57.1979



92.4810, 0.7489, 39.9202



64.7770, 1.5889, 3.7036



52.6490, 29.7530, 70.4678



1.9510, 1.0102, 2.6740

Inverse Universe

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



96.3570, 15.6000, 36.5209



113.7800, 24.2655, 57.1979



114.5190, -0.7489, -39.9202



64.7770, 1.5889, 3.7036



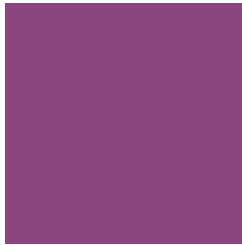
52.6490, 29.7530, 70.4678



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 96.3570, 15.6000, 36.5209 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 96.3570, 15.6000, 36.5209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

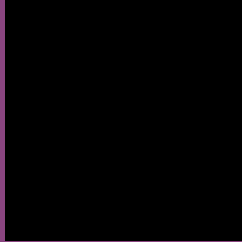
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.3570, 15.6000, 36.5209

Background



This preview shows how black text looks on a background with the YUV color 96.3570, 15.6000, 36.5209.



This preview shows how white text looks on a background with the YUV color 96.3570, 15.6000,

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

96.3570, 15.6000, 36.5209

Protanopia

93.7740, 26.2404, -16.4648

Deuteranopia

95.0390, 14.2778, -6.1732



Tritanopia

95.8300, -5.3392, 32.5981

Trichromacy



Original Color

96.3570, 15.6000, 36.5209

Protanomaly

94.5700, 22.3970, 3.0081

Deuteranomaly

95.2520, 14.6658, 9.4260

Tritanomaly

95.9040, 2.5123, 34.2872

Monochromacy



Original Color

96.3570, 15.6000, 36.5209

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9830, 5.9244, 13.1699

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3570, 15.6000, 36.5209 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(138, 69, 128)` looks like.

```
.text, #text, p{  
    color:rgb(138, 69, 128)  
}
```

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(138, 69, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 69, 128) }
```

Border

The CSS property to change the border of an element to YUV 96.3570, 15.6000, 36.5209 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(138, 69, 128) }
```


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

```
.border{ border-color:rgb(138, 69, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 69, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 69, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 69, 128);  
box-shadow:4px 4px 4px 4px rgb(138, 69,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 96.3570, 15.6000, 36.5209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 69, 128) }
```

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

```
.background{ background-color: rgb(138, 69,  
128) }
```

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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