

Converting Colors

YUV(96.0360, 15.7583, 32.4174)

Have a look what the booklet for
YUV(96.0360, 15.7583, 32.4174)
contains.

YUV(96.0360, 15.7583, 32.4174)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(96.0360, 15.7583,
32.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	854780
RGB	133, 71, 128
RGB Percent	52%, 28%, 50%
CMY	0.4784, 0.7216, 0.4980
CMYK	0.00, 0.47, 0.04, 0.48
HSL	305°, 30%, 40%
HSV	305°, 47%, 52%
XYZ	15.8224, 11.0515, 21.7213
YIQ	96.0360, 18.6550, 30.8710

Conversions

Conversions Part 2

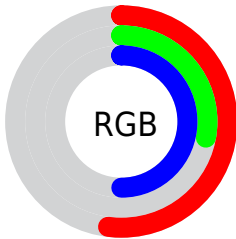
Format	Color
R_{YB}	133, 71, 128
Decimal	8734592
CIE _{Lab}	39.67, 35.11, -20.88
CIE _{LCh}	40, 40.849, 329.253
Yxy	11.0515, 0.3256, 0.2274
Android (android.graphics.Color)	4286924672 (0xFF854780)
YUV	96.0360, 15.7583, 32.4174
Hunter-Lab	33.2438, 26.7802, -15.4690

Details

The YUV color **96.0360, 15.7583, 32.4174** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.9640, -15.7583, -32.4174**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5740, 16.4790, 34.5766**, and **46.1390, 16.2005, 30.5731** is the 20% darker color. If you saturate the color by 10%, you get **88.2910, 19.0835, 39.2098**, and if you desaturate by 10%, it is **103.7810, 12.4330, 25.6251**.

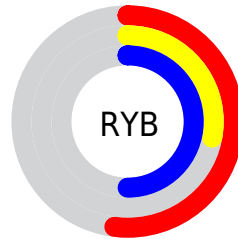
Distribution



Red (52%)

Green (28%)

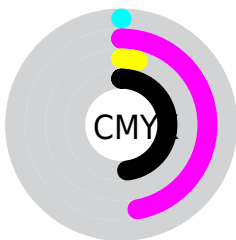
Blue (50%)



Red (52%)

Yellow (28%)

Blue (50%)

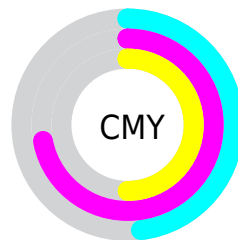


Cyan (0%)

Magenta (47%)

Yellow (4%)

Black (48%)



Cyan (48%)

Magenta (72%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.0360, 15.7583, 32.4174 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 96.0360, 15.7583, 32.4174 by changing the saturation by 10% instead.

■ 96.0360, 15.7583,
32.4174

■ 96.0360, 15.7583,
32.4174

■ 255.0000, 0.0000,
0.0000

■ 71.3240, 15.6163,
31.2879

■ 147.5740, 16.4790,
34.5766

■ 46.1390, 16.2005,
30.5731

■ 175.2860, 16.6210,
35.7062

■ 23.3130, 15.6217,
29.5435

■ 202.9980, 16.7630,
36.8358

■ 15.2380, 9.2497,
19.9623

■ 224.4760, 15.0483,
26.7695

■ 0.7980, 3.0576,
-0.6998

■ 240.9120, 6.9454,
12.3552

■ 0.0000, 0.0000,
0.0000

96.0360, 15.7583,
32.4174

96.0360, 15.7583,
32.4174

88.2910, 19.0835,
39.2098

103.7810, 12.4330,
25.6251

79.9590, 22.6982,
46.5170

112.1130, 8.8183,
18.3179

72.2140, 26.0235,
53.3093

119.8580, 5.4930,
11.5255

64.4690, 29.3488,
60.1017

127.6030, 2.1677,
4.7332

56.1370, 32.9635,
67.4089

135.9350, -1.4470,
-2.5740


53.6750, 33.6842,
69.5680

143.6800, -4.7722,
-9.3664

151.5390, -7.6607,
-16.2587

159.2840,

-10.9860, -23.0511

 167.6160,
-14.6007, -30.3582

Harmonies

Analogous

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



94.7310, 28.2336, -2.3951



96.0360, 15.7583, 32.4174



93.3730, 1.2951, 51.4159

Triad

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



96.0360, 15.7583, 32.4174



89.2990, -33.6714, 19.9088



78.2330, 23.0561, -68.6103

Complementary

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



96.0360, 15.7583, 32.4174



107.9640, -15.7583, -32.4174

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.



74.4710, 8.6418, -65.3111



96.0360, 15.7583, 32.4174



86.4420, -27.3329, -6.5266

Square

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



96.0360, 15.7583, 32.4174



91.4400, -27.3319, 39.9561



78.3910, -10.0528, -42.4389



78.7350, 35.1336, -69.0506

Rectangle

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



96.0360, 15.7583, 32.4174



91.9360, -9.3354, 54.4301



78.3910, -10.0528, -42.4389



77.5660, 17.9620, -68.0254

Sweetspot

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



96.0360, 15.7583, 32.4174



158.6840, 6.0718, 12.5551



79.2640, 26.4918, -3.7395



78.0810, 3.9041, 7.8220



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



96.0360, 15.7583, 32.4174



115.2630, 25.0133, 50.6353



92.6160, 2.6543, 35.4168



62.4780, 1.7363, 3.0888



52.5500, 33.2529, 67.9237



1.1250, 0.4314, 1.6444

Inverse Universe

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



96.0360, 15.7583, 32.4174



115.2630, 25.0133, 50.6353



111.3840, -2.6543, -35.4168



62.4780, 1.7363, 3.0888



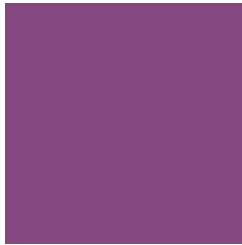
52.5500, 33.2529, 67.9237



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 96.0360, 15.7583, 32.4174 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 96.0360, 15.7583, 32.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

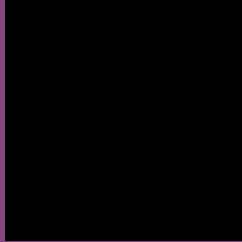
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.0360, 15.7583, 32.4174

Background



This preview shows how black text looks on a background with the YUV color 96.0360, 15.7583, 32.4174.



This preview shows how white text looks on a background with the YUV color 96.0360, 15.7583,

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

96.0360, 15.7583, 32.4174

Protanopia

92.9590, 25.6562, -15.7500

Deuteranopia

94.1530, 14.7146, -6.2732



Tritanopia

95.0360, -4.4547, 28.9094

Trichromacy



Original Color

96.0360, 15.7583, 32.4174

Protanomaly

93.8580, 22.2550, 1.8785

Deuteranomaly

94.6540, 14.9606, 8.1964

Tritanomaly

95.5830, 2.6706, 30.1837

Monochromacy



Original Color

96.0360, 15.7583, 32.4174

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0360, 15.7583, 32.4174 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(133, 71, 128)` looks like.

```
.text, #text, p{  
    color:rgb(133, 71, 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(133, 71, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 71, 128) }
```

Border

The CSS property to change the border of an element to YUV 96.0360, 15.7583, 32.4174 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(133, 71, 128) }
```


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

```
.border{ border-color:rgb(133, 71, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 71, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 71, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 71, 128);  
box-shadow:4px 4px 4px 4px rgb(133, 71,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 96.0360, 15.7583, 32.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 71, 128) }
```

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

```
.background{ background-color: rgb(133, 71,  
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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