

Converting Colors

YUV(95.0720, 4.4015, 35.0169)

Have a look what the booklet for
YUV(95.0720, 4.4015, 35.0169)
contains.

YUV(95.0720, 4.4015, 35.0169)	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(95.0720, 4.4015,
35.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	874968
RGB	135, 73, 104
RGB Percent	53%, 29%, 41%
CMY	0.4706, 0.7137, 0.5922
CMYK	0.00, 0.46, 0.23, 0.47
HSL	330°, 30%, 41%
HSV	330°, 46%, 53%
XYZ	14.8729, 10.9155, 14.4197
YIQ	95.0720, 27.0010, 22.7850

Conversions

Conversions Part 2

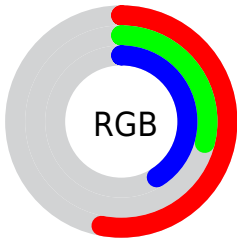
Format	Color
RYB	135, 73, 104
Decimal	8866152
CIELab	39.44, 30.48, -6.36
CIElCh	39, 31.137, 348.211
Yxy	10.9155, 0.3699, 0.2715
Android (android.graphics.Color)	4287056232 (0xFF874968)
YUV	95.0720, 4.4015, 35.0169
Hunter-Lab	33.0386, 22.5376, -2.7502

Details

The YUV color **95.0720, 4.4015, 35.0169** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **112.9280, -4.4015, -35.0169**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6810, 4.1013, 37.9908**, and **45.9900, 5.4279, 32.4578** is the 20% darker color. If you saturate the color by 10%, you get **86.0560, 5.3954, 42.9239**, and if you desaturate by 10%, it is **103.5010, 3.6970, 27.6246**.

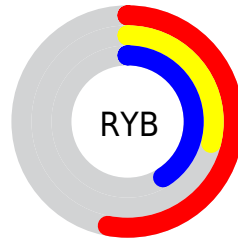
Distribution



Red (53%)

Green (29%)

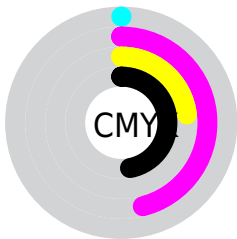
Blue (41%)



Red (53%)

Yellow (29%)

Blue (41%)

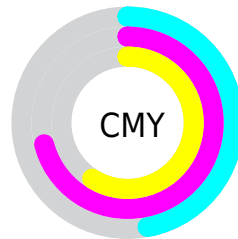


Cyan (0%)

Magenta (46%)

Yellow (23%)

Black (47%)



Cyan (47%)

Magenta (71%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0720, 4.4015, 35.0169 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 95.0720, 4.4015, 35.0169 by changing the saturation by 10% instead.

■ 95.0720, 4.4015,
35.0169

■ 95.0720, 4.4015,
35.0169

255.0000, 0.0000,
0.0000

■ 70.4740, 4.6963,
33.7873

■ 146.6810, 4.1013,
37.9908

■ 45.9900, 5.4279,
32.4578

■ 173.9800, 3.9539,
38.6055

■ 22.0330, 6.8857,
31.5431

■ 201.6920, 4.0958,
39.7351

■ 13.2570, 0.3663,
22.5766

■ 223.1250, 7.3334,
27.9544

■ 0.0000, 0.0000,
0.0000

■ 242.0860, 6.3666,
11.3256

95.0720, 4.4015,
35.0169

95.0720, 4.4015,
35.0169

86.0560, 5.3954,
42.9239

103.5010, 3.6970,
27.6246

77.7410, 6.5367,
50.2161

112.5170, 2.7031,
19.7176

69.3120, 7.2412,
57.6084

121.4190, 1.2724,
11.9105

60.2960, 8.2351,
65.5154

129.8480, 0.5679,
4.5183

51.8670, 8.9396,
72.9076

138.8640, -0.4260,
-3.3887

48.1170, 9.8023,
76.1964

147.2930, -1.1304,
-10.7810

156.1950, -2.5611,
-18.5880

164.6240, -3.2656,

-25.9802

■ 173.6400, -4.2595,
-33.8873

Harmonies

Analogous

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



95.5240, 15.5177, 16.2035



95.0720, 4.4015, 35.0169



93.3150, -7.5503, 41.8197

Triad

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



95.0720, 4.4015, 35.0169



89.0610, -22.7081, 3.4545



75.8680, 26.6871, -66.5362

Complementary

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



95.0720, 4.4015, 35.0169



112.9280, -4.4015, -35.0169

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.



74.5340, 16.4987, -65.3663



95.0720, 4.4015, 35.0169



85.6220, -13.6176, -18.9625

Square

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



95.0720, 4.4015, 35.0169



91.5410, -23.9307, 22.3275



77.2620, 2.3358, -49.3418



79.3950, 30.8643, -52.9664

Rectangle

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



95.0720, 4.4015, 35.0169



93.0560, -14.8176, 39.4159



77.2620, 2.3358, -49.3418



75.7710, 23.7769, -66.4512

Sweetspot

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



95.0720, 4.4015, 35.0169



159.9570, 1.9932, 14.0697



89.3370, 22.5119, 12.8595



79.3970, 1.2833, 8.4218



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.



95.0720, 4.4015, 35.0169



113.5890, 7.1046, 54.7344



91.5380, -9.1392, 38.1162



62.1360, 0.4260, 3.3887



46.2800, 9.2290, 73.4224



1.0110, -0.0054, 1.7444

Inverse Universe

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



95.0720, 4.4015, 35.0169



113.5890, 7.1046, 54.7344



116.4620, 9.1392, -38.1162



62.1360, 0.4260, 3.3887



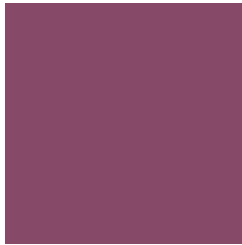
46.2800, 9.2290, 73.4224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 95.0720, 4.4015, 35.0169 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 95.0720, 4.4015, 35.0169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

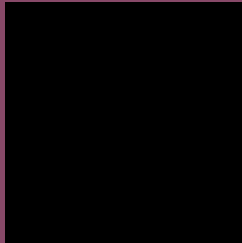
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.0720, 4.4015, 35.0169

Background



This preview shows how black text looks on a background with the YUV color 95.0720, 4.4015, 35.0169.



This preview shows how white text looks on a background with the YUV color 95.0720, 4.4015,

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

95.0720, 4.4015, 35.0169

Protanopia

93.6540, 11.5096, -4.9586

Deuteranopia

94.5320, 3.1887, 3.9184



Tritanopia

94.4280, -5.6340, 33.8276

Trichromacy



Original Color

95.0720, 4.4015, 35.0169

Protanomaly

94.0580, 8.8454, 9.5961

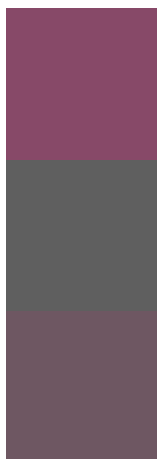
Deuteranomaly

94.4240, 3.7350, 15.4142

Tritanomaly

95.0520, -1.9976, 34.1574

Monochromacy



Original Color

95.0720, 4.4015, 35.0169

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1310, 1.4144, 13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0720, 4.4015, 35.0169 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(135, 73, 104)` looks like.

```
.text, #text, p{  
    color:rgb(135, 73, 104)  
}
```

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(135, 73, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 73, 104) }
```

Border

The CSS property to change the border of an element to YUV 95.0720, 4.4015, 35.0169 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(135, 73, 104) }
```


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

```
.border{ border-color:rgb(135, 73, 104) }
```

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

Here you see how a box with a 4 pixel rgb(135, 73, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 73, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 73, 104);  
box-shadow:4px 4px 4px 4px rgb(135, 73,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 95.0720, 4.4015, 35.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 73, 104) }
```

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

```
.background{ background-color: rgb(135, 73,  
104) }
```

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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