

Converting Colors

YUV(99.2750, 3.3154, 56.7638)

Have a look what the booklet for
YUV(99.2750, 3.3154, 56.7638)
contains.

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Color

**YUV(99.2750, 3.3154,
56.7638)**

Conversions

Conversions Part 1

Format	Color
Hex	A4416A
RGB	164, 65, 106
RGB Percent	64%, 25%, 42%
CMY	0.3569, 0.7451, 0.5843
CMYK	0.00, 0.60, 0.35, 0.36
HSL	335°, 43%, 45%
HSV	335°, 60%, 64%
XYZ	19.8017, 12.7137, 15.0460
YIQ	99.2750, 45.8430, 33.7390

Conversions

Conversions Part 2

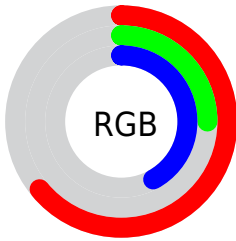
Format	Color
R_{YB}	164, 65, 106
Decimal	10764650
CIE _{Lab}	42.33, 44.99, -2.83
CIE _{LCh}	42, 45.081, 356.398
Yxy	12.7137, 0.4163, 0.2673
Android (android.graphics.Color)	4288954730 (0xFFA4416A)
YUV	99.2750, 3.3154, 56.7638
Hunter-Lab	35.6563, 36.7311, -0.0594

Details

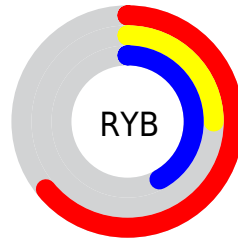
The YUV color **99.2750, 3.3154, 56.7638** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **129.7250, -3.3154, -56.7638**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5420, 1.7048, 60.0377**, and **41.3660, 8.6936, 58.4380** is the 20% darker color. If you saturate the color by 10%, you get **88.7430, 3.5777, 66.0004**, and if you desaturate by 10%, it is **109.8070, 3.0531, 47.5273**.

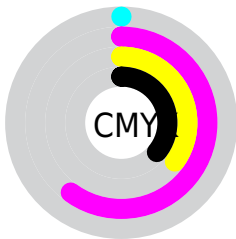
Distribution



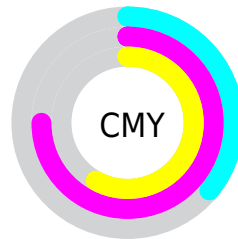
- Red (64%)
- Green (25%)
- Blue (42%)



- Red (64%)
- Yellow (25%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (35%)
- Black (36%)



- Cyan (36%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.2750, 3.3154, 56.7638 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 99.2750, 3.3154, 56.7638 by changing the saturation by 10% instead.


 99.2750, 3.3154,
56.7638

 99.2750, 3.3154,
56.7638


255.0000, 0.0000,
0.0000


 72.3180, 4.7732,
55.8491


 153.5420, 1.7048,
60.0377

 41.3660, 8.6936,
58.4380


 180.8520, 1.5520,
62.3968

 28.4370, 4.2216,
46.0978

 201.3770, 5.2371,
47.0274

 18.8670, -1.4134,
33.4426

 221.0050, 9.3645,
29.8136

 7.5890, -3.2484,
15.2694

 239.7380, 7.5242,
13.3848

 0.0000, 0.0000,
0.0000

■ 99.2750, 3.3154,
56.7638

■ 99.2750, 3.3154,
56.7638

■ 88.7430, 3.5777,
66.0004

■ 109.8070, 3.0531,
47.5273

■ 77.7380, 4.5662,
75.6518

■ 120.8120, 2.0647,
37.8759

■ 67.2060, 4.8284,
84.8883

■ 131.3440, 1.8024,
28.6393

■ 56.7880, 5.5275,
94.0249

■ 142.3490, 0.8139,
18.9879

■ 152.8810, 0.5517,
9.7514

■ 163.4130, 0.2894,
0.5148

■ 174.4180, -0.6991,
-9.1366

■ 184.9500, -0.9613,

-18.3731

■ 195.9550, -1.9498,
-28.0245

Harmonies

Analogous

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



102.9590, 19.2472, 33.3620



99.2750, 3.3154, 56.7638



97.4160, -14.0091, 60.1482

Triad

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



99.2750, 3.3154, 56.7638



91.9000, -31.9957, -4.2973



85.2720, 37.3339, -74.7835

Complementary

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



99.2750, 3.3154, 56.7638



129.7250, -3.3154, -56.7638

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.



83.7270, 23.7986, -73.4286



99.2750, 3.3154, 56.7638



83.5820, -13.1049, -43.4834

Square

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



99.2750, 3.3154, 56.7638



95.6540, -38.7764, 23.9824



79.3950, 7.2003, -69.6294



82.0580, 45.3274, -71.9649

Rectangle

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



99.2750, 3.3154, 56.7638



97.5000, -24.8965, 52.1815



79.3950, 7.2003, -69.6294



84.9470, 33.5501, -74.4985

Sweetspot

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



99.2750, 3.3154, 56.7638



189.1860, 1.3873, 21.7619



93.6280, 34.6934, 25.7592



91.9030, 0.5408, 13.2401



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



99.2750, 3.3154, 56.7638



113.3420, 5.2544, 88.2771



99.2970, -16.9084, 56.7445



76.1470, 0.4205, 5.1331



50.1950, 4.8339, 83.1440



6.1800, 0.4043, 10.3661

Inverse Universe

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



99.2750, 3.3154, 56.7638



113.3420, 5.2544, 88.2771



129.7030, 16.9084, -56.7445



76.1470, 0.4205, 5.1331



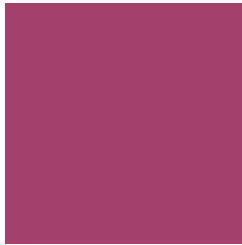
50.1950, 4.8339, 83.1440



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 99.2750, 3.3154, 56.7638 looks on a white background.

Color Contrast Check

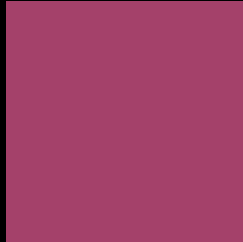
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.2750, 3.3154, 56.7638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

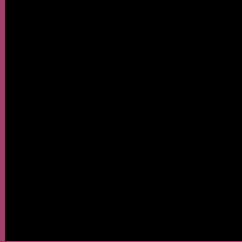
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.2750, 3.3154, 56.7638

Background



This preview shows how black text looks on a background with the YUV color 99.2750, 3.3154, 56.7638.



This preview shows how white text looks on a background with the YUV color 99.2750, 3.3154,

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

99.2750, 3.3154, 56.7638

Protanopia

101.0990, 13.2622, -7.1028

Deuteranopia

101.3430, -0.1691, 7.5922



Tritanopia

98.7790, -11.2300, 55.4448

Trichromacy



Original Color

99.2750, 3.3154, 56.7638

Protanomaly

100.3300, 9.6973, 16.3736

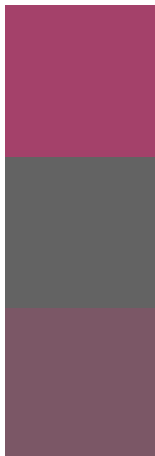
Deuteranomaly

100.5070, 1.2290, 25.8654

Tritanomaly

99.1580, -5.9939, 55.9894

Monochromacy



Original Color

99.2750, 3.3154, 56.7638

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.4740, 1.2453, 20.6323

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2750, 3.3154, 56.7638 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(164, 65, 106)` looks like.

```
.text, #text, p{  
    color:rgb(164, 65, 106)  
}
```

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(164, 65, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 65, 106) }
```

Border

The CSS property to change the border of an element to YUV 99.2750, 3.3154, 56.7638 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(164, 65, 106) }
```


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

```
.border{ border-color:rgb(164, 65, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 65, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 65, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 65, 106); box-shadow:4px 4px 4px 4px rgb(164, 65, 106) }
```

Background

The CSS property to change the background color of an element to YUV 99.2750, 3.3154, 56.7638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 65, 106) }
```

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

```
.background{ background-color: rgb(164, 65,  
106) }
```

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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