

Converting Colors

YUV(99.6690, -4.2738, 64.3113)

Have a look what the booklet for
YUV(99.6690, -4.2738, 64.3113)
contains.

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Color

**YUV(99.6690, -4.2738,
64.3113)**

Conversions

Conversions Part 1	
Format	Color
Hex	AD405B
RGB	173, 64, 91
RGB Percent	68%, 25%, 36%
CMY	0.3216, 0.7490, 0.6431
CMYK	0.00, 0.63, 0.47, 0.32
HSL	345°, 46%, 46%
HSV	345°, 63%, 68%
XYZ	20.9553, 13.3064, 11.3614
YIQ	99.6690, 56.2970, 31.5050

Conversions

Conversions Part 2

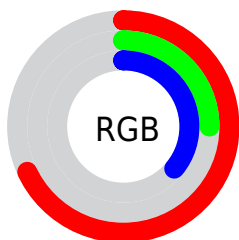
Format	Color
RYB	173, 64, 91
Decimal	11354203
CIELab	43.22, 46.79, 7.95
CIELCh	43, 47.463, 9.640
Yxy	13.3064, 0.4593, 0.2917
Android (android.graphics.Color)	4289544283 (0xFFAD405B)
YUV	99.6690, -4.2738, 64.3113
Hunter-Lab	36.4779, 38.7059, 7.0680

Details

The YUV color **99.6690, -4.2738, 64.3113** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **137.3310, 4.2738, -64.3113**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1210, -6.4687, 68.2999**, and **39.9280, 2.9935, 66.7151** is the 20% darker color. If you saturate the color by 10%, you get **88.2080, -5.0325, 74.3626**, and if you desaturate by 10%, it is **111.1300, -3.5151, 54.2600**.

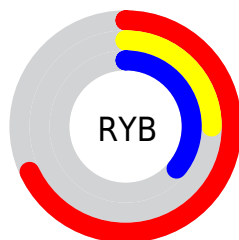
Distribution



Red (68%)

Green (25%)

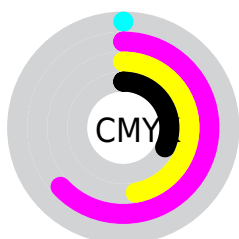
Blue (36%)



Red (68%)

Yellow (25%)

Blue (36%)

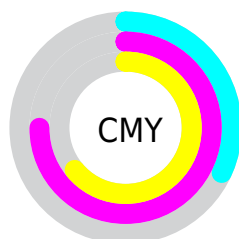


Cyan (0%)

Magenta (63%)

Yellow (47%)

Black (32%)



Cyan (32%)


Magenta (75%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.6690, -4.2738, 64.3113 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 99.6690, -4.2738, 64.3113 by changing the saturation by 10% instead.


 99.6690, -4.2738,
64.3113


 99.6690, -4.2738,
64.3113


255.0000, 0.0000,
0.0000

 71.9400, -1.9424,
63.1966


 154.1210, -6.4687,
68.2999

 39.9280, 2.9935,
66.7151


 179.8110, -6.3158,
65.9408


 29.1620, -2.0519,
51.6009


 199.3250, -2.6252,
48.8270


 18.6520, -8.7024,
38.0162


 218.9530, 1.5022,
31.6132

 9.3830, -4.1328,
18.9581

 239.2820, 5.7770,
13.7847


 0.0000, 0.0000,
0.0000

 99.6690, -4.2738,
64.3113


 99.6690, -4.2738,
64.3113

 88.2080, -5.0325,
74.3626


 111.1300, -3.5151,
54.2600


 76.1600, -5.5019,
84.9287


 123.1780, -3.0458,
43.6939


 64.6990, -6.2606,
94.9800

 134.6390, -2.2870,
33.6426

 56.6290, -6.7191,
102.0574

 146.1000, -1.5283,
23.5913

 158.1480, -1.0590,
13.0252

 169.6090, -0.3002,
2.9739

 181.0700, 0.4585,
-7.0774

 192.5310, 1.2172,

-17.1287

 204.5790, 1.6866,
-27.6948

Harmonies

Analogous

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



103.4510, 13.0887, 48.7165



99.6690, -4.2738, 64.3113



99.2280, -22.2974, 58.5590

Triad

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



99.6690, -4.2738, 64.3113



91.1690, -26.7053, -21.1962



86.9820, 43.8859, -76.2832

Complementary

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



99.6690, -4.2738, 64.3113



137.3310, 4.2738, -64.3113

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.



87.0670, 31.5190, -76.3578



99.6690, -4.2738, 64.3113



78.1750, -2.5513, -68.5595

Square

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



99.6690, -4.2738, 64.3113



95.3060, -41.0699, 12.8866



84.0230, 14.7787, -73.6882



92.3540, 43.2095, -45.9145

Rectangle

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



99.6690, -4.2738, 64.3113



99.4040, -32.7372, 47.0037



84.0230, 14.7787, -73.6882



87.3580, 40.2495, -76.6130

Sweetspot

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



99.6690, -4.2738, 64.3113



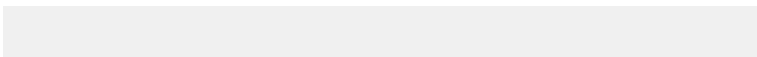
195.6980, -1.8231, 24.8209



100.9440, 35.5236, 39.5141



94.5720, -0.7750, 15.2844



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



99.6690, -4.2738, 64.3113



109.6180, -6.7137, 100.3130



112.4400, -23.8809, 53.1111



80.9190, -0.4531, 5.3330



49.0680, -5.9495, 88.5174



7.5610, -0.7696, 13.5400

Inverse Universe

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



99.6690, -4.2738, 64.3113



109.6180, -6.7137, 100.3130



124.5600, 23.8809, -53.1111



80.9190, -0.4531, 5.3330



49.0680, -5.9495, 88.5174



7.5610, -0.7696, 13.5400

Previews

White Background



This preview shows how the YUV color 99.6690, -4.2738, 64.3113 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 99.6690, -4.2738, 64.3113 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 99.6690, -4.2738, 64.3113

Background



This preview shows how black text looks on a background with the YUV color 99.6690, -4.2738, 64.3113.



This preview shows how white text looks on a background with the YUV color 99.6690, -4.2738,

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

99.6690, -4.2738, 64.3113

Protanopia

103.1400, 4.3680, -0.9998

Deuteranopia

103.4980, -8.6265, 13.5953



Tritanopia

99.5520, -13.5831, 63.5369

Trichromacy



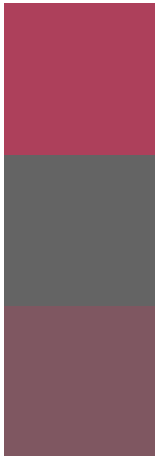
Original Color
99.6690, -4.2738, 64.3113

Protanomaly
101.7840, 1.0925, 22.9914

Deuteranomaly
102.0750, -6.9390, 32.3832

Tritanomaly
99.7630, -10.2362, 63.3518

Monochromacy



Original Color
99.6690, -4.2738, 64.3113

Achromatopsia
100.0000, 0.0000, 0.0000

Achromatomaly
100.1000, -1.5283, 23.5913

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.6690, -4.2738, 64.3113 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(173, 64, 91)` looks like.

```
.text, #text, p{  
    color:rgb(173, 64, 91)  
}
```

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(173, 64, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 64, 91) }
```

Border

The CSS property to change the border of an element to YUV 99.6690, -4.2738, 64.3113 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(173, 64, 91) }
```


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

```
.border{ border-color:rgb(173, 64, 91) }
```

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

Here you see how a box with a 4 pixel rgb(173, 64, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 64, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 64, 91);  
box-shadow:4px 4px 4px 4px rgb(173, 64,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 99.6690, -4.2738, 64.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 64, 91) }
```

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

```
.background{ background-color: rgb(173, 64,  
91) }
```

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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