

Converting Colors

YUV(88.3650, 13.6241, 63.7009)

Have a look what the booklet for
YUV(88.3650, 13.6241, 63.7009)
contains.

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Color

**YUV(88.3650, 13.6241,
63.7009)**

Conversions

Conversions Part 1

Format	Color
Hex	A12E74
RGB	161, 46, 116
RGB Percent	63%, 18%, 45%
CMY	0.3686, 0.8196, 0.5451
CMYK	0.00, 0.71, 0.28, 0.37
HSL	323°, 56%, 41%
HSV	323°, 71%, 63%
XYZ	18.8273, 10.7920, 17.6138
YIQ	88.3650, 46.0700, 46.1500

Conversions

Conversions Part 2

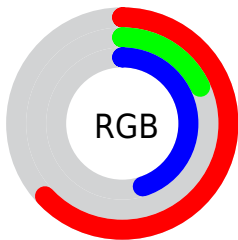
Format	Color
R_{YB}	161, 46, 116
Decimal	10563188
CIE _{Lab}	39.23, 53.41, -13.75
CIE _{LCh}	39, 55.156, 345.560
Yxy	10.7920, 0.3986, 0.2285
Android (android.graphics.Color)	4288753268 (0xFFFA12E74)
YUV	88.3650, 13.6241, 63.7009
Hunter-Lab	32.8512, 44.8104, -8.7935

Details

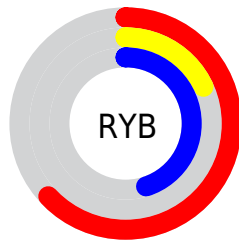
The YUV color **88.3650, 13.6241, 63.7009** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **118.6350, -13.6241, -63.7009**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9200, 11.8714, 65.8452**, and **39.1470, 14.2245, 57.7531** is the 20% darker color. If you saturate the color by 10%, you get **78.2890, 15.6335, 72.5375**, and if you desaturate by 10%, it is **98.4410, 11.6146, 54.8642**.

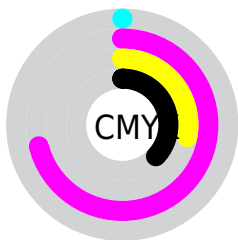
Distribution



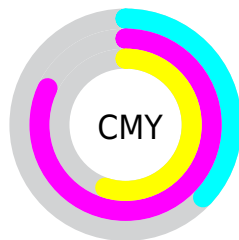
- Red (63%)
- Green (18%)
- Blue (45%)



- Red (63%)
- Yellow (18%)
- Blue (45%)



- Cyan (0%)
- Magenta (71%)
- Yellow (28%)
- Black (37%)





- Cyan (37%)
- Magenta (82%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.3650, 13.6241, 63.7009 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 88.3650, 13.6241, 63.7009 by changing the saturation by 10% instead.


 88.3650, 13.6241,
63.7009


 88.3650, 13.6241,
63.7009

255.0000, 0.0000,
0.0000


 55.4240, 17.5390,
68.0342

 143.9200, 11.8714,
65.8452


 39.1470, 14.2245,
57.7531


 172.4040, 11.1398,
67.1747

 28.4520, 8.1582,
43.4536

 193.2390, 14.6722,
54.1644

 18.9960, 2.9600,
30.6985

 212.9810, 19.2364,
36.8507

 5.0830, -2.5059,
10.4512

 230.3460, 12.1544,
21.6216

 0.0000, 0.0000,
0.0000

 247.3690, 3.7621,

6.6924

■ 88.3650, 13.6241,
63.7009

■ 88.3650, 13.6241,
63.7009

■ 78.2890, 15.6335,
72.5375

■ 98.4410, 11.6146,
54.8642

■ 68.0990, 17.2062,
81.4742

■ 108.6310, 10.0419,
45.9276

■ 59.3110, 19.0737,
89.1813

■ 118.7070, 8.0324,
37.0910

■ 128.7830, 6.0230,
28.2543

■ 139.5600, 4.1609,
18.8029

■ 149.6360, 2.1515,
9.9662

■ 159.7120, 0.1420,
1.1296

■ 169.7880, -1.8675,
-7.7071

■ 179.9780, -3.4402,
-16.6437

Harmonies

Analogous

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



95.0640, 30.0414, 24.4999



88.3650, 13.6241, 63.7009



83.8770, -6.3484, 76.4069

Triad

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



88.3650, 13.6241, 63.7009



84.4360, -41.6269, 4.8796



82.9410, 36.0181, -72.7393

Complementary

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



88.3650, 13.6241, 63.7009



118.6350, -13.6241, -63.7009

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.



78.8540, 17.8200, -69.1550



88.3650, 13.6241, 63.7009



75.0700, -26.6565, -36.8954

Square

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



88.3650, 13.6241, 63.7009



87.0040, -42.8930, 37.7075



72.9090, -2.4201, -63.9412



81.5680, 48.5270, -71.5351

Rectangle

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



88.3650, 13.6241, 63.7009



85.9350, -21.1670, 69.3400



72.9090, -2.4201, -63.9412



82.1600, 30.4871, -72.0543

Sweetspot

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



88.3650, 13.6241, 63.7009



181.2340, 5.3076, 24.3508



72.2660, 43.7459, 15.5527



87.8970, 3.0088, 14.9993



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



88.3650, 13.6241, 63.7009



95.3600, 21.5145, 99.6623



81.8670, -11.2734, 69.3996



76.2610, 0.8573, 5.0331



53.3870, 17.0642, 80.3446



6.6360, 2.1515, 9.9662

Inverse Universe

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



88.3650, 13.6241, 63.7009



95.3600, 21.5145, 99.6623



125.1330, 11.2734, -69.3996



76.2610, 0.8573, 5.0331



53.3870, 17.0642, 80.3446



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 88.3650, 13.6241, 63.7009 looks on a white background.

Color Contrast Check

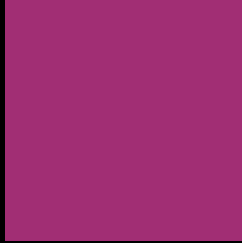
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.3650, 13.6241, 63.7009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

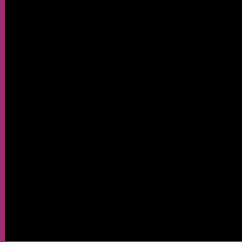
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.3650, 13.6241, 63.7009

Background



This preview shows how black text looks on a background with the YUV color 88.3650, 13.6241, 63.7009.



This preview shows how white text looks on a background with the YUV color 88.3650, 13.6241,

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

88.3650, 13.6241, 63.7009

Protanopia

92.3330, 28.4298, -18.7090

Deuteranopia

94.0630, 7.8569, -0.0553



Tritanopia

90.0460, -12.8407, 58.7187

Trichromacy



Original Color

88.3650, 13.6241, 63.7009

Protanomaly

90.8530, 23.2435, 11.5299

Deuteranomaly

92.0750, 9.8230, 22.7362

Tritanomaly

89.5760, -3.2420, 60.0078

Monochromacy



Original Color

88.3650, 13.6241, 63.7009

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.4080, 4.7289, 23.3212

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3650, 13.6241, 63.7009 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(161, 46, 116)` looks like.

```
.text, #text, p{  
    color:rgb(161, 46, 116)  
}
```

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(161, 46, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 46, 116) }
```

Border

The CSS property to change the border of an element to YUV 88.3650, 13.6241, 63.7009 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(161, 46, 116) }
```


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

```
.border{ border-color:rgb(161, 46, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 46, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 46, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 46, 116);  
box-shadow:4px 4px 4px 4px rgb(161, 46,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 88.3650, 13.6241, 63.7009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 46, 116) }
```

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

```
.background{ background-color: rgb(161, 46,  
116) }
```

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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