

Converting Colors

YUV(64.8610, 14.3655, 12.3999)

Have a look what the booklet for
YUV(64.8610, 14.3655, 12.3999)
contains.

YUV(64.8610, 14.3655, 12.3999)	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(64.8610, 14.3655,
12.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	4F345E
RGB	79, 52, 94
RGB Percent	31%, 20%, 37%
CMY	0.6902, 0.7961, 0.6314
CMYK	0.16, 0.45, 0.00, 0.63
HSL	279°, 29%, 29%
HSV	279°, 45%, 37%
XYZ	6.4728, 4.9264, 11.1994
YIQ	64.8610, 2.6100, 18.7860

Conversions

Conversions Part 2

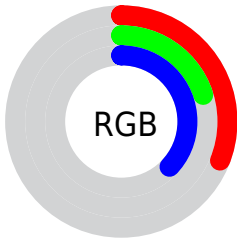
Format	Color
R_{YB}	79, 52, 94
Decimal	5190750
CIE Lab	26.52, 20.89, -20.39
CIE LCh	27, 29.192, 315.694
Yxy	4.9264, 0.2864, 0.2180
Android (android.graphics.Color)	4283380830 (0xFF4F345E)
YUV	64.8610, 14.3655, 12.3999
Hunter-Lab	22.1955, 13.2134, -14.3797




Details

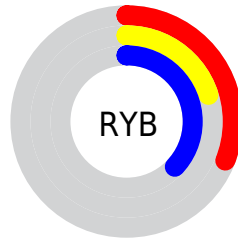
The YUV color **64.8610, 14.3655, 12.3999** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.1390, -14.3655, -12.3999**, and the grayscale version is **65.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **113.2140, 15.6705, 13.8443**, and **20.6220, 13.4974, 10.8555** is the 20% darker color. If you saturate the color by 10%, you get **58.6810, 17.4123, 15.1888**, and if you desaturate by 10%, it is **71.0410, 11.3188, 9.6110**.

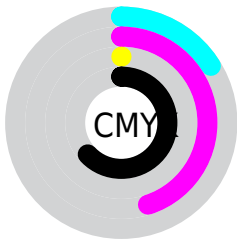
Distribution







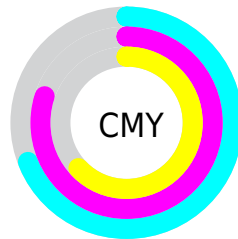
-  Red (31%)
-  Green (20%)
-  Blue (37%)






-  Red (31%)
-  Yellow (20%)
-  Blue (37%)



-  Cyan (16%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (69%)
-  Magenta (80%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.8610, 14.3655, 12.3999 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 64.8610, 14.3655, 12.3999 by changing the saturation by 10% instead.

■ 64.8610, 14.3655,
12.3999

■ 64.8610, 14.3655,
12.3999

■ 255.0000, 0.0000,
0.0000

■ 42.0350, 13.7867,
11.3703

■ 113.2140, 15.6705,
13.8443

■ 20.6220, 13.4974,
10.8555

■ 138.6270, 15.9599,
14.3591

■ 3.0780, 11.7935,
-2.6994

■ 165.1540, 16.6861,
14.7739

■ 0.0000, 0.0000,
0.0000

■ 192.5670, 16.9755,
15.2887

■ 220.8660, 16.8281,
15.9035

■ 242.0860, 6.3666,

11.3256

■ 64.8610, 14.3655,
12.3999

■ 64.8610, 14.3655,
12.3999

■ 58.6810, 17.4123,
15.1888

■ 71.0410, 11.3188,
9.6110

■ 51.6150, 20.8958,
17.8776

■ 78.1070, 7.8352,
6.9222

■ 45.4350, 23.9425,
20.6665

■ 84.2870, 4.7885,
4.1333

■ 38.6680, 27.2787,
23.9702

■ 91.0540, 1.4524,
0.8296

■ 32.1890, 30.4728,
26.1442

■ 97.5330, -1.7418,
-1.3444

■ 28.6560, 32.2146,
27.4887

■ 103.7130, -4.7885,
-4.1333

■ 110.7790, -8.2720,
-6.8222

■ 116.9590,
-11.3188, -9.6110

■ 123.7260,
-14.6549, -12.9147

Harmonies

Analogous

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



61.0470, 22.1618, -14.9502



64.8610, 14.3655, 12.3999



63.5660, 5.1440, 30.1986

Triad

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



64.8610, 14.3655, 12.3999



61.2140, -21.3045, 19.9833



51.8740, 10.9081, -45.4935

Complementary

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



64.8610, 14.3655, 12.3999



81.1390, -14.3655, -12.3999

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.



48.6650, 1.1512, -42.6792



64.8610, 14.3655, 12.3999



59.2290, -20.8189, 4.1842

Square

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



64.8610, 14.3655, 12.3999



61.7130, -14.6485, 31.8237



55.8720, -12.7549, -15.6737



52.9800, 20.2229, -46.4635

Rectangle

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



64.8610, 14.3655, 12.3999



62.7640, -1.8557, 35.2870



55.8720, -12.7549, -15.6737



50.9620, 7.4137, -44.6937

Sweetspot

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



64.8610, 14.3655, 12.3999



111.1130, 5.3673, 5.1629



65.5930, 14.0047, -11.9211



54.2330, 3.3361, 3.3037



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



64.8610, 14.3655, 12.3999



76.3810, 22.4902, 19.8369



68.6620, 9.5336, 22.2214



42.4670, 1.7418, 1.3444



33.4700, 37.7293, 32.0368



72.4660, 81.1153, 69.7513

Inverse Universe

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



66.2680, 0.3609, 24.3210



78.4700, 0.7543, 38.1758



77.3380, -9.5336, -22.2214



42.7230, 0.1366, 2.8739



37.3360, 0.8204, 63.7263



80.5530, 2.1924, 137.2040

Previews

White Background



This preview shows how the YUV color 64.8610, 14.3655, 12.3999 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 ✓ Pass

Black Background



This preview shows how the YUV color 64.8610, 14.3655, 12.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

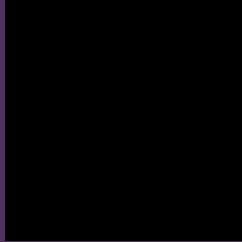
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.8610, 14.3655, 12.3999

Background



This preview shows how black text looks on a background with the YUV color 64.8610, 14.3655, 12.3999.



This preview shows how white text looks on a background with the YUV color 64.8610, 14.3655,

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

64.8610, 14.3655, 12.3999

Protanopia

62.0750, 19.6830, -13.2208

Deuteranopia

62.7180, 14.4360, -10.2767



Tritanopia

63.9410, -0.4639, 8.8217

Trichromacy



Original Color

64.8610, 14.3655, 12.3999

Protanomaly

62.9730, 17.7613, -3.4843

Deuteranomaly

63.4740, 14.5563, -2.1697

Tritanomaly

64.0320, 4.9142, 10.4959

Monochromacy



Original Color

64.8610, 14.3655, 12.3999

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8140, 5.5147, 4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.8610, 14.3655, 12.3999 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(79, 52, 94)` looks like.

```
.text, #text, p{  
    color:rgb(79, 52, 94)  
}
```

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(79, 52, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 52, 94) }
```

Border

The CSS property to change the border of an element to YUV 64.8610, 14.3655, 12.3999 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(79, 52, 94) }
```


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

```
.border{ border-color:rgb(79, 52, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 52, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 52, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 52, 94);  
box-shadow:4px 4px 4px 4px rgb(79, 52, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.8610, 14.3655, 12.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 52, 94) }
```

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

```
.background{ background-color: rgb(79, 52,  
94) }
```

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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