

Converting Colors

YUV(89.6640, 19.8856, 15.2037)

Have a look what the booklet for
YUV(89.6640, 19.8856, 15.2037)
contains.

YUV(89.6640, 19.8856, 15.2037)	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(89.6640, 19.8856,
15.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4982
RGB	107, 73, 130
RGB Percent	42%, 29%, 51%
CMY	0.5804, 0.7137, 0.4902
CMYK	0.18, 0.44, 0.00, 0.49
HSL	276°, 28%, 40%
HSV	276°, 44%, 51%
XYZ	12.4752, 9.5026, 22.2958
YIQ	89.6640, 1.9670, 24.9350

Conversions

Conversions Part 2

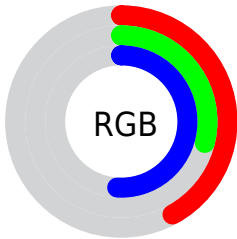
Format	Color
R_{YB}	107, 73, 130
Decimal	7031170
CIE Lab	36.93, 25.94, -26.62
CIE LCh	37, 37.163, 314.257
Yxy	9.5026, 0.2818, 0.2146
Android (android.graphics.Color)	4285221250 (0xFF6B4982)
YUV	89.6640, 19.8856, 15.2037
Hunter-Lab	30.8263, 18.2919, -21.3044

Details

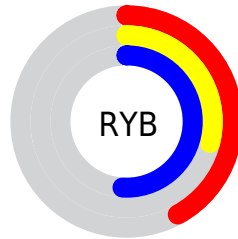
The YUV color **89.6640, 19.8856, 15.2037** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **113.3360, -19.8856, -15.2037**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0170, 21.1906, 16.6481**, and **42.8980, 18.2913, 13.2445** is the 20% darker color. If you saturate the color by 10%, you get **80.5380, 24.3848, 18.8222**, and if you desaturate by 10%, it is **98.7900, 15.3865, 11.5852**.

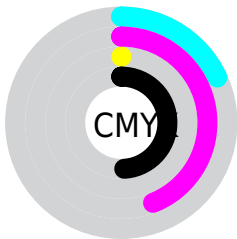
Distribution



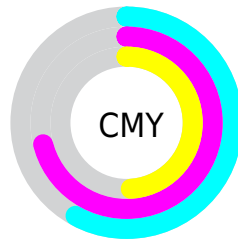
- Red (42%)
- Green (29%)
- Blue (51%)



- Red (42%)
- Yellow (29%)
- Blue (51%)



- Cyan (18%)
- Magenta (44%)
- Yellow (0%)
- Black (49%)



- Cyan (58%)
- Magenta (71%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6640, 19.8856, 15.2037 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 89.6640, 19.8856, 15.2037 by changing the saturation by 10% instead.

89.6640, 19.8856,
15.2037

89.6640, 19.8856,
15.2037

255.0000, 0.0000,
0.0000

65.8380, 19.3069,
14.1741

140.0170, 21.1906,
16.6481

42.8980, 18.2913,
13.2445

166.8430, 21.7694,
17.6777

20.4850, 18.0019,
12.7297

194.2560, 22.0588,
18.1925

6.0830, 14.2561,
0.8042

221.1870, 16.6698,
20.0070

1.1400, 4.3680,
-0.9998

240.9120, 6.9454,
12.3552

0.0000, 0.0000,
0.0000

89.6640, 19.8856,
15.2037

89.6640, 19.8856,
15.2037

80.5380, 24.3848,
18.8222

98.7900, 15.3865,
11.5852

71.4120, 28.8839,
22.4407

107.9160, 10.8874,
7.9667

61.9870, 33.5304,
25.4444

117.3410, 6.2409,
4.9629

52.8610, 38.0295,
29.0629

126.4670, 1.7418,
1.3444

43.7350, 42.5286,
32.6814

135.5930, -2.7573,
-2.2741


38.1420, 45.2860,
34.9555

144.7190, -7.2565,
-5.8926

154.1440,
-11.9030, -8.8963

163.2700,

-16.4021, -12.5148

 172.3960,
-20.9012, -16.1333

Harmonies

Analogous

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



84.0660, 30.0405, -21.9829



89.6640, 19.8856, 15.2037



88.0170, 7.8796, 39.4501

Triad

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



89.6640, 19.8856, 15.2037



84.7220, -28.4569, 27.4308



71.3880, 14.5987, -62.6073

Complementary

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



89.6640, 19.8856, 15.2037



113.3360, -19.8856, -15.2037

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.



67.2670, 1.3474, -58.9932



89.6640, 19.8856, 15.2037



82.4760, -28.8287, 6.5985

Square

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



89.6640, 19.8856, 15.2037



85.5250, -19.4858, 43.3896



78.4710, -17.9802, -19.7071



73.2920, 26.9710, -64.2771

Rectangle

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



89.6640, 19.8856, 15.2037



86.9550, -1.4568, 47.3975



78.4710, -17.9802, -19.7071



70.1340, 9.7939, -61.5075

Sweetspot

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



89.6640, 19.8856, 15.2037



152.3950, 7.6933, 5.7926



93.5860, 17.9521, -18.0539



74.8740, 4.4991, 3.6185



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



89.6640, 19.8856, 15.2037



104.9930, 31.0625, 23.6851



95.9710, 14.3113, 29.8434



58.9940, 2.4680, 1.7593



37.3160, 44.7072, 33.9259



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.6650, 1.6442, 32.7428



109.7150, 2.6055, 51.1159



107.0290, -14.3113, -29.8434



59.4350, 0.2785, 4.0035



44.0860, 3.4086, 73.5926



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.6640, 19.8856, 15.2037 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 89.6640, 19.8856, 15.2037 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 89.6640, 19.8856, 15.2037

Background



This preview shows how black text looks on a background with the YUV color 89.6640, 19.8856, 15.2037.



This preview shows how white text looks on a background with the YUV color 89.6640, 19.8856,

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

89.6640, 19.8856, 15.2037

Protanopia

85.7030, 27.2614, -17.2795

Deuteranopia

86.4770, 19.9778, -14.4503



Tritanopia

88.1800, 0.4043, 10.3661

Trichromacy



Original Color

89.6640, 19.8856, 15.2037

Protanomaly

87.3840, 24.4607, -5.5988

Deuteranomaly

87.5430, 19.9453, -3.9842

Tritanomaly

89.0260, 7.3822, 12.2552

Monochromacy



Original Color

89.6640, 19.8856, 15.2037

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9820, 7.4039, 5.2778

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6640, 19.8856, 15.2037 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(107, 73, 130)` looks like.

```
.text, #text, p{  
    color:rgb(107, 73, 130)  
}
```

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(107, 73, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 73, 130) }
```

Border

The CSS property to change the border of an element to YUV 89.6640, 19.8856, 15.2037 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(107, 73, 130) }
```


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

```
.border{ border-color:rgb(107, 73, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 73, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 73, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 73, 130);  
box-shadow:4px 4px 4px 4px rgb(107, 73,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 89.6640, 19.8856, 15.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 73, 130) }
```

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

```
.background{ background-color: rgb(107, 73,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor