

Converting Colors

YUV(89.6340, 28.7744, 10.8450)

Have a look what the booklet for
YUV(89.6340, 28.7744, 10.8450)
contains.

YUV(89.6340, 28.7744, 10.8450)	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(89.6340, 28.7744,
10.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	664894
RGB	102, 72, 148
RGB Percent	40%, 28%, 58%
CMY	0.6000, 0.7176, 0.4196
CMYK	0.31, 0.51, 0.00, 0.42
HSL	264°, 35%, 43%
HSV	264°, 51%, 58%
XYZ	13.1422, 9.5976, 29.1768
YIQ	89.6340, -6.5160, 29.9960

Conversions

Conversions Part 2

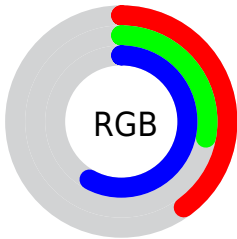
Format	Color
R _Y B	102, 72, 148
Decimal	6703252
CIE Lab	37.11, 29.63, -37.37
CIE LCh	37, 47.690, 308.407
Yxy	9.5976, 0.2531, 0.1849
Android (android.graphics.Color)	4284893332 (0xFF664894)
YUV	89.6340, 28.7744, 10.8450
Hunter-Lab	30.9800, 21.5070, -34.1530

Details

The YUV color **89.6340, 28.7744, 10.8450** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **130.3660, -28.7744, -10.8450**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5140, 30.8056, 12.7042**, and **42.1560, 27.0381, 7.7562** is the 20% darker color. If you saturate the color by 10%, you get **78.1380, 34.4420, 13.0340**, and if you desaturate by 10%, it is **101.1300, 23.1069, 8.6560**.

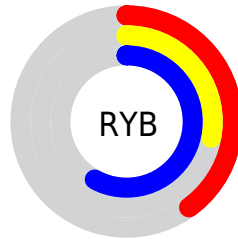
Distribution



Red (40%)

Green (28%)

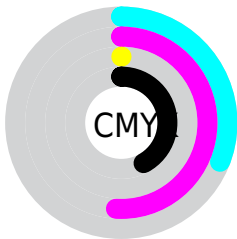
Blue (58%)



Red (40%)

Yellow (28%)

Blue (58%)

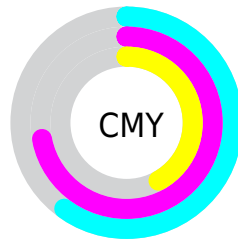


Cyan (31%)

Magenta (51%)

Yellow (0%)

Black (42%)



Cyan (60%)

Magenta (72%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6340, 28.7744, 10.8450 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 89.6340, 28.7744, 10.8450 by changing the saturation by 10% instead.

89.6340, 28.7744,
10.8450

89.6340, 28.7744,
10.8450

255.0000, 0.0000,
0.0000

65.3950, 27.9063,
9.3006

140.5140, 30.8056,
12.7042

42.1560, 27.0381,
7.7562

167.3400, 31.3844,
13.7338

18.6180, 26.3173,
5.5970

194.2970, 29.9266,
14.6485

5.5860, 21.4031,
-4.8989

219.4040, 17.5488,
18.0627

3.6650, 11.5042,
-3.2142

240.3250, 7.2348,
12.8700

0.0000, 0.0000,
0.0000

89.6340, 28.7744,
10.8450

89.6340, 28.7744,
10.8450

78.1380, 34.4420,
13.0340

101.1300, 23.1069,
8.6560

66.6420, 40.1095,
15.2230

112.6260, 17.4394,
6.4670

55.7330, 45.4876,
16.8972

123.5350, 12.0612,
4.7928

44.2370, 51.1552,
19.0862

135.0310, 6.3937,
2.6038

34.2140, 56.0965,
20.8603


146.5270, 0.7262,
0.4148

158.0230, -4.9413,
-1.7742

169.5190,
-10.6089, -3.9632

180.4280,

-15.9870, -5.6374

 191.9240,
-21.6545, -7.8263

Harmonies

Analogous

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



70.3520, 46.1685, -61.6987



89.6340, 28.7744, 10.8450



87.0810, 14.2571, 47.2870

Triad

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



89.6340, 28.7744, 10.8450



82.9810, -37.9516, 39.4817



72.6930, 11.9834, -63.7518

Complementary

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



89.6340, 28.7744, 10.8450



130.3660, -28.7744, -10.8450

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.



66.9590, -4.9098, -58.7230



89.6340, 28.7744, 10.8450



80.9470, -39.9069, 13.2015

Square

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



89.6340, 28.7744, 10.8450



83.2710, -20.8396, 57.6443



75.8380, -28.0211, -19.1519



76.3240, 28.4343, -66.9361

Rectangle

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



89.6340, 28.7744, 10.8450



83.7100, 3.5940, 60.7673



75.8380, -28.0211, -19.1519



71.2110, 6.3050, -62.4520

Sweetspot

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



89.6340, 28.7744, 10.8450



169.4810, 10.6089, 3.9632



108.2530, 19.5953, -31.7939



83.1450, 6.8305, 2.5038



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



89.6340, 28.7744, 10.8450



100.2060, 44.7614, 16.4823



100.6970, 23.3204, 33.5917



68.3960, 2.7628, 0.5297



31.8780, 52.3181, 19.4010



2.3360, 3.7784, 1.4593

Inverse Universe

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



99.9680, 8.8898, 42.1241



116.3760, 13.6186, 65.4452



119.3030, -23.3204, -33.5917



69.5490, 0.7153, 3.9035



50.7240, 15.9121, 76.5411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 89.6340, 28.7744, 10.8450 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 89.6340, 28.7744, 10.8450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

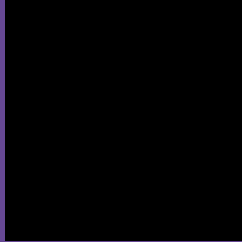
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6340, 28.7744, 10.8450

Background



This preview shows how black text looks on a background with the YUV color 89.6340, 28.7744, 10.8450.



This preview shows how white text looks on a background with the YUV color 89.6340, 28.7744,

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

89.6340, 28.7744, 10.8450

Protanopia

82.9000, 38.5033, -29.7303

Deuteranopia

83.4350, 30.3515, -28.4455



Tritanopia

88.1790, 1.8838, 2.4740

Trichromacy



Original Color

89.6340, 28.7744, 10.8450

Protanomaly

85.0760, 34.9655, -14.9757

Deuteranomaly

85.7080, 29.7240, -13.7759

Tritanomaly

88.7200, 11.4770, 5.5076

Monochromacy



Original Color

89.6340, 28.7744, 10.8450

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.4810, 10.6089, 3.9632

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6340, 28.7744, 10.8450 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(102, 72, 148)` looks like.

```
.text, #text, p{  
    color:rgb(102, 72, 148)  
}
```

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(102, 72, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 72, 148) }
```

Border

The CSS property to change the border of an element to YUV 89.6340, 28.7744, 10.8450 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(102, 72, 148) }
```


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

```
.border{ border-color:rgb(102, 72, 148) }
```

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

Here you see how a box with a 4 pixel rgb(102, 72, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 72, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 72, 148);  
box-shadow:4px 4px 4px 4px rgb(102, 72,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 89.6340, 28.7744, 10.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 72, 148) }
```

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

```
.background{ background-color: rgb(102, 72,  
148) }
```

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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