

Converting Colors

YUV(89.6950, 26.2794, 17.8075)

Have a look what the booklet for
YUV(89.6950, 26.2794, 17.8075)
contains.

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Color

**YUV(89.6950, 26.2794,
17.8075)**

Conversions

Conversions Part 1

Format	Color
Hex	6E458F
RGB	110, 69, 143
RGB Percent	43%, 27%, 56%
CMY	0.5686, 0.7294, 0.4392
CMYK	0.23, 0.52, 0.00, 0.44
HSL	273°, 35%, 42%
HSV	273°, 52%, 56%
XYZ	13.5165, 9.5544, 27.1184
YIQ	89.6950, 0.6820, 31.7060

Conversions

Conversions Part 2

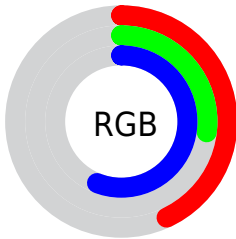
Format	Color
R_{YB}	110, 69, 143
Decimal	7226767
CIE _{Lab}	37.03, 32.40, -34.40
CIE _{LCh}	37, 47.259, 313.286
Yxy	9.5544, 0.2693, 0.1904
Android (android.graphics.Color)	4285416847 (0xFF6E458F)
YUV	89.6950, 26.2794, 17.8075
Hunter-Lab	30.9102, 23.9618, -30.3796

Details

The YUV color **89.6950, 26.2794, 17.8075** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **122.3050, -26.2794, -17.8075**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0480, 27.5843, 19.2519**, and **41.0430, 25.1218, 15.7483** is the 20% darker color. If you saturate the color by 10%, you get **79.6830, 31.2153, 21.3260**, and if you desaturate by 10%, it is **99.7070, 21.3434, 14.2890**.

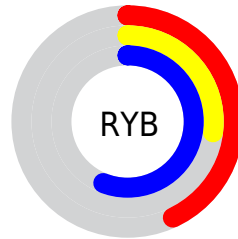
Distribution



Red (43%)

Green (27%)

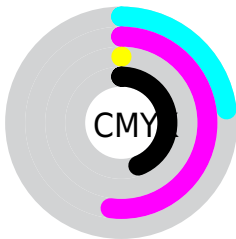
Blue (56%)



Red (43%)

Yellow (27%)

Blue (56%)

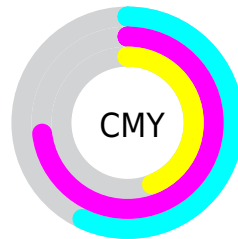


Cyan (23%)

Magenta (52%)

Yellow (0%)

Black (44%)



Cyan (57%)

Magenta (73%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6950, 26.2794, 17.8075 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 89.6950, 26.2794, 17.8075 by changing the saturation by 10% instead.

■ 89.6950, 26.2794,
17.8075

■ 89.6950, 26.2794,
17.8075

■ 255.0000, 0.0000,
0.0000

■ 65.4560, 25.4112,
16.2631

■ 141.0480, 27.5843,
19.2519

■ 41.0430, 25.1218,
15.7483

■ 167.8740, 28.1631,
20.2815

■ 18.2170, 24.5430,
14.7187

■ 194.8140, 29.1787,
21.2111

■ 8.1200, 18.1818,
1.6488

■ 220.0350, 17.2377,
24.5253

■ 3.3230, 10.1938,
-2.9143

■ 238.5640, 8.1029,
14.4144

■ 0.0000, 0.0000,
0.0000

89.6950, 26.2794,
17.8075

89.6950, 26.2794,
17.8075

79.6830, 31.2153,
21.3260

99.7070, 21.3434,
14.2890

68.7850, 36.5880,
24.7446

110.6050, 15.9707,
10.8704

58.7730, 41.5239,
28.2631

120.6170, 11.0348,
7.3519

48.4620, 46.6072,
31.1668

130.9280, 5.9515,
4.4481

39.9230, 50.8170,
34.2705


141.5270, 0.7262,
0.4148

151.5390, -4.2097,
-3.1037

161.8500, -9.2930,
-6.0074

171.8620,

-14.2290, -9.5260

 182.4610,
-19.4543, -13.5593

Harmonies

Analogous

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



78.8170, 41.0092, -40.1815



89.6950, 26.2794, 17.8075



86.1200, 11.7728, 50.7608

Triad

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



89.6950, 26.2794, 17.8075



82.2040, -39.5406, 35.7781



73.4910, 15.0409, -64.4516

Complementary

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



89.6950, 26.2794, 17.8075



122.3050, -26.2794, -17.8075

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.



67.7570, -1.8522, -59.4229



89.6950, 26.2794, 17.8075



80.0280, -39.4538, 7.8684

Square

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



89.6950, 26.2794, 17.8075



83.5650, -23.4495, 54.7555



74.5320, -23.9263, -25.8996



76.3070, 30.9076, -66.9212

Rectangle

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



89.6950, 26.2794, 17.8075



83.3250, 0.8258, 61.9820



74.5320, -23.9263, -25.8996



71.8950, 8.9258, -63.0519

Sweetspot

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



89.6950, 26.2794, 17.8075



164.5030, 10.5980, 7.4519



96.8070, 22.7731, -24.3867



81.0420, 6.3883, 4.3482



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



89.6950, 26.2794, 17.8075



103.2460, 40.7977, 27.8483



99.1060, 19.6677, 38.4950



65.9940, 2.4680, 1.7593



37.8150, 47.9122, 32.6112



2.1080, 2.9048, 1.6593

Inverse Universe

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



94.8880, 3.5062, 42.1942



111.1990, 5.3249, 65.6005



112.8940, -19.6677, -38.4950



66.4350, 0.2785, 4.0035



47.2050, 6.3079, 76.9962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 89.6950, 26.2794, 17.8075 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 89.6950, 26.2794, 17.8075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

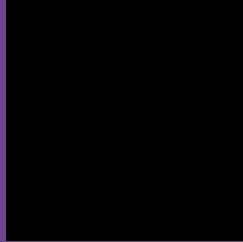
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6950, 26.2794, 17.8075

Background



This preview shows how black text looks on a background with the YUV color 89.6950, 26.2794, 17.8075.



This preview shows how white text looks on a background with the YUV color 89.6950, 26.2794,

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

89.6950, 26.2794, 17.8075

Protanopia

83.4550, 36.7507, -27.5860

Deuteranopia

84.8440, 26.6989, -23.5422



Tritanopia

88.4790, 0.2569, 10.9809

Trichromacy



Original Color

89.6950, 26.2794, 17.8075

Protanomaly

85.6420, 33.2075, -11.0870

Deuteranomaly

86.5300, 26.3607, -8.3578

Tritanomaly

88.7210, 9.9975, 13.3997

Monochromacy



Original Color

89.6950, 26.2794, 17.8075

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.5630, 9.5824, 6.5222

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6950, 26.2794, 17.8075 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(110, 69, 143)` looks like.

```
.text, #text, p{  
    color:rgb(110, 69, 143)  
}
```

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(110, 69, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 69, 143) }
```

Border

The CSS property to change the border of an element to YUV 89.6950, 26.2794, 17.8075 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(110, 69, 143) }
```


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

```
.border{ border-color:rgb(110, 69, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 69, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 69, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 69, 143);  
box-shadow:4px 4px 4px 4px rgb(110, 69,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 89.6950, 26.2794, 17.8075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 69, 143) }
```

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

```
.background{ background-color: rgb(110, 69,  
143) }
```

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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