

Converting Colors

YUV(84.2810, 10.7075, 19.0476)

Have a look what the booklet for
YUV(84.2810, 10.7075, 19.0476)
contains.

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Color

**YUV(84.2810, 10.7075,
19.0476)**

Conversions

Conversions Part 1

Format	Color
Hex	6A456A
RGB	106, 69, 106
RGB Percent	42%, 27%, 42%
CMY	0.5843, 0.7294, 0.5843
CMYK	0.00, 0.35, 0.00, 0.58
HSL	300°, 21%, 34%
HSV	300°, 35%, 42%
XYZ	10.6735, 8.3610, 14.6870
YIQ	84.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

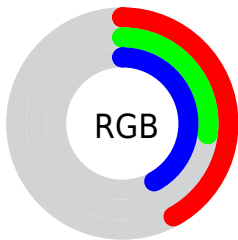
Format	Color
R_{YB}	106, 69, 106
Decimal	6964586
CIE _{Lab}	34.72, 22.59, -15.12
CIE _{LCh}	35, 27.181, 326.213
Yxy	8.3610, 0.3165, 0.2479
Android (android.graphics.Color)	4285154666 (0xFF6A456A)
YUV	84.2810, 10.7075, 19.0476
Hunter-Lab	28.9154, 15.2874, -9.8742

Details

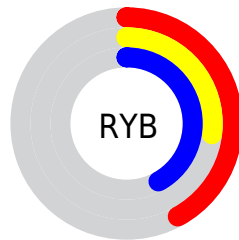
The YUV color **84.2810, 10.7075, 19.0476** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **90.7190, -10.7075, -19.0476**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4060, 11.1388, 20.6919**, and **38.1560, 10.2761, 17.4032** is the 20% darker color. If you saturate the color by 10%, you get **77.8240, 13.8908, 24.7104**, and if you desaturate by 10%, it is **90.7380, 7.5242, 13.3848**.

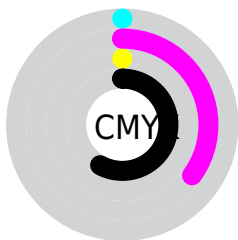
Distribution



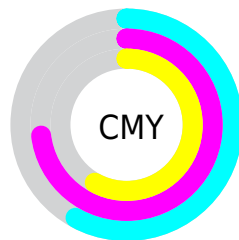
- Red (42%)
- Green (27%)
- Blue (42%)



- Red (42%)
- Yellow (27%)
- Blue (42%)



- Cyan (0%)
- Magenta (35%)
- Yellow (0%)
- Black (58%)



- Cyan (58%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2810, 10.7075, 19.0476 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 84.2810, 10.7075, 19.0476 by changing the saturation by 10% instead.

84.2810, 10.7075,
19.0476

84.2810, 10.7075,
19.0476

255.0000, 0.0000,
0.0000

60.5690, 10.5655,
17.9180

134.4060, 11.1388,
20.6919

38.1560, 10.2761,
17.4032

160.8190, 11.4282,
21.2067

15.5690, 10.5655,
17.9180

187.6450, 12.0070,
22.2363

2.1830, 5.8258,
-1.9145

215.9440, 11.8596,
22.8511

0.0000, 0.0000,
0.0000

237.9770, 8.3923,
14.9292

84.2810, 10.7075,
19.0476

84.2810, 10.7075,
19.0476

77.8240, 13.8908,
24.7104

90.7380, 7.5242,
13.3848

71.9540, 16.7847,
29.8583

96.6080, 4.6303,
8.2368

65.4970, 19.9680,
35.5211

103.0650, 1.4470,
2.5740

59.6270, 22.8619,
40.6691

108.9350, -1.4470,
-2.5740

53.1700, 26.0452,
46.3319

115.3920, -4.6303,
-8.2368

46.7130, 29.2285,
51.9947


121.8490, -7.8136,
-13.8996

43.7780, 30.6754,
54.5687

127.7190,
-10.7075, -19.0476

134.1760,

-13.8908, -24.7104

 140.0460,
-16.7847, -29.8583

Harmonies

Analogous

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



82.5000, 18.4875, -3.0695



84.2810, 10.7075, 19.0476



83.1380, 0.9180, 32.3280

Triad

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



84.2810, 10.7075, 19.0476



79.7080, -20.5620, 15.1651



65.9910, 16.7664, -57.8741

Complementary

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



84.2810, 10.7075, 19.0476



90.7190, -10.7075, -19.0476

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.



65.2770, 6.2724, -51.9859



84.2810, 10.7075, 19.0476



77.9940, -17.7450, -1.7487

Square

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



84.2810, 10.7075, 19.0476



81.5940, -17.5478, 28.4201



74.8650, -8.8074, -21.8066



66.1680, 25.0602, -58.0293

Rectangle

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



84.2810, 10.7075, 19.0476



82.4390, -5.6394, 35.5720



74.8650, -8.8074, -21.8066



65.1930, 13.7089, -57.1743

Sweetspot

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



84.2810, 10.7075, 19.0476



129.7820, 4.0515, 7.2072



73.2180, 16.1615, -3.6992



64.3040, 2.3151, 4.1184



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



84.2810, 10.7075, 19.0476



103.9540, 16.7847, 29.8583



82.2290, 2.8451, 20.8472



50.4780, 1.7363, 3.0888



48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Inverse Universe

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



84.2810, 10.7075, 19.0476



103.9540, 16.7847, 29.8583



92.8850, -2.4083, -20.9471



50.4780, 1.7363, 3.0888



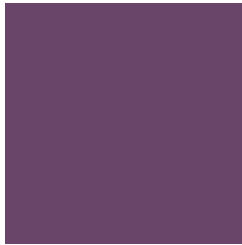
48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Previews

White Background



This preview shows how the YUV color 84.2810, 10.7075, 19.0476 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 84.2810, 10.7075, 19.0476 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 84.2810, 10.7075, 19.0476

Background



This preview shows how black text looks on a background with the YUV color 84.2810, 10.7075, 19.0476.



This preview shows how white text looks on a background with the YUV color 84.2810, 10.7075,

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

84.2810, 10.7075, 19.0476

Protanopia

82.1850, 16.1778, -8.9322

Deuteranopia

82.4370, 10.6306, -3.0142



Tritanopia

83.3550, -1.6540, 17.2287

Trichromacy



Original Color

84.2810, 10.7075, 19.0476

Protanomaly

83.0830, 14.2561, 0.8042

Deuteranomaly

83.1930, 10.7509, 5.0927

Tritanomaly

83.5060, 2.7085, 17.9732

Monochromacy



Original Color

84.2810, 10.7075, 19.0476

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.3690, 3.7621, 6.6924

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2810, 10.7075, 19.0476 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(106, 69, 106)` looks like.

```
.text, #text, p{  
    color:rgb(106, 69, 106)  
}
```

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(106, 69, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 69, 106) }
```

Border

The CSS property to change the border of an element to YUV 84.2810, 10.7075, 19.0476 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(106, 69, 106) }
```


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

```
.border{ border-color:rgb(106, 69, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 69, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 69, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 69, 106);  
box-shadow:4px 4px 4px 4px rgb(106, 69,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 84.2810, 10.7075, 19.0476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 69, 106) }
```

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

```
.background{ background-color: rgb(106, 69,  
106) }
```

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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