

Converting Colors

YUV(84.7540, 9.9813, 18.6327)

Have a look what the booklet for
YUV(84.7540, 9.9813, 18.6327)
contains.

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Color

**YUV(84.7540, 9.9813,
18.6327)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4669
RGB	106, 70, 105
RGB Percent	42%, 27%, 41%
CMY	0.5843, 0.7255, 0.5882
CMYK	0.00, 0.34, 0.01, 0.58
HSL	302°, 20%, 35%
HSV	302°, 34%, 42%
XYZ	10.6838, 8.4644, 14.4353
YIQ	84.7540, 10.2210, 18.5170

Conversions

Conversions Part 2

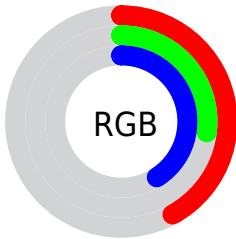
Format	Color
R_{YB}	106, 70, 105
Decimal	6964841
CIE _{Lab}	34.93, 21.77, -14.17
CIE _{LCh}	35, 25.974, 326.946
Yxy	8.4644, 0.3181, 0.2520
Android (android.graphics.Color)	4285154921 (0xFF6A4669)
YUV	84.7540, 9.9813, 18.6327
Hunter-Lab	29.0937, 14.6351, -9.0521

Details

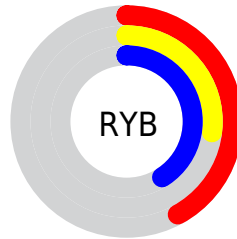
The YUV color **84.7540, 9.9813, 18.6327** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.2460, -9.9813, -18.6327**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8790, 10.4127, 20.2771**, and **38.6290, 9.5499, 16.9884** is the 20% darker color. If you saturate the color by 10%, you get **78.2970, 13.1646, 24.2955**, and if you desaturate by 10%, it is **91.2110, 6.7980, 12.9700**.

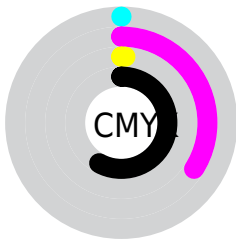
Distribution



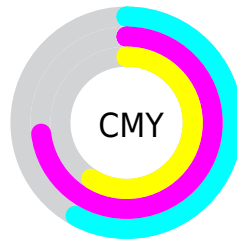
- Red (42%)
- Green (27%)
- Blue (41%)



- Red (42%)
- Yellow (27%)
- Blue (41%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (58%)



- Cyan (58%)
- Magenta (73%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7540, 9.9813, 18.6327 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 84.7540, 9.9813, 18.6327 by changing the saturation by 10% instead.

■ 84.7540, 9.9813,
18.6327

■ 84.7540, 9.9813,
18.6327

■ 255.0000, 0.0000,
0.0000

■ 61.0420, 9.8393,
17.5032

■ 134.8790, 10.4127,
20.2771

■ 38.6290, 9.5499,
16.9884

■ 161.2920, 10.7020,
20.7919

■ 16.0420, 9.8393,
17.5032

■ 188.7050, 10.9914,
21.3067

■ 2.0690, 5.3890,
-1.8145

■ 216.4170, 11.1334,
22.4363

■ 0.0000, 0.0000,
0.0000

■ 238.5640, 8.1029,
14.4144

84.7540, 9.9813,
18.6327

84.7540, 9.9813,
18.6327

78.2970, 13.1646,
24.2955

91.2110, 6.7980,
12.9700

72.3130, 15.6217,
29.5435

97.1950, 4.3409,
7.7220

65.8560, 18.8050,
35.2063

103.6520, 1.1576,
2.0592

59.9860, 21.6989,
40.3543

109.5220, -1.7363,
-3.0888

53.5290, 24.8822,
46.0171

115.9790, -4.9196,
-8.7516

46.9580, 27.6287,
51.7798


122.5500, -7.6662,
-14.5144

43.4360, 29.3651,
54.8686

128.4200,
-10.5601, -19.6623

134.8770,

-13.7434, -25.3251

 140.8610,
-16.2005, -30.5731

Harmonies

Analogous

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



83.5710, 17.4665, -2.2548



84.7540, 9.9813, 18.6327



84.3120, 0.3392, 31.2984

Triad

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



84.7540, 9.9813, 18.6327



80.5230, -19.9778, 14.4503



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.



84.7540, 9.9813, 18.6327



91.2460, -9.9813, -18.6327

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.



68.0820, 5.3826, -46.5529



84.7540, 9.9813, 18.6327



78.8090, -17.1608, -2.4635

Square

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



84.7540, 9.9813, 18.6327



82.1100, -16.8162, 27.0905



75.3920, -8.0813, -21.3918



66.0540, 24.6234, -57.9294

Rectangle

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



84.7540, 9.9813, 18.6327



83.3140, -6.0708, 33.9276



75.3920, -8.0813, -21.3918



65.3070, 14.1456, -57.2742

Sweetspot

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



84.7540, 9.9813, 18.6327



129.6680, 3.6147, 7.3072



74.4030, 15.5773, -2.9844



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.



84.7540, 9.9813, 18.6327



104.3130, 15.6217, 29.5435



82.7020, 2.1189, 20.4323



50.3640, 1.2995, 3.1888



47.9790, 32.5484, 60.5314



100.3870, 67.8432, 126.8256

Inverse Universe

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



84.7540, 9.9813, 18.6327



104.3130, 15.6217, 29.5435



93.2980, -2.1189, -20.4323



50.3640, 1.2995, 3.1888



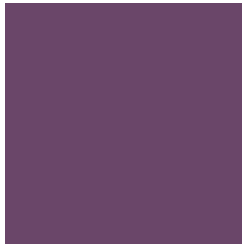
47.9790, 32.5484, 60.5314



100.3870, 67.8432, 126.8256

Previews

White Background



This preview shows how the YUV color 84.7540, 9.9813, 18.6327 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 84.7540, 9.9813, 18.6327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

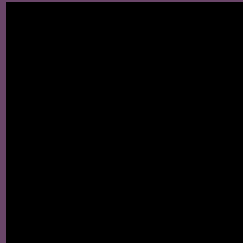
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7540, 9.9813, 18.6327

Background



This preview shows how black text looks on a background with the YUV color 84.7540, 9.9813, 18.6327.



This preview shows how white text looks on a background with the YUV color 84.7540, 9.9813,

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

84.7540, 9.9813, 18.6327

Protanopia

82.2560, 15.1568, -8.1175

Deuteranopia

83.2090, 9.7570, -2.8143



Tritanopia

84.0560, -1.5066, 16.6139

Trichromacy



Original Color

84.7540, 9.9813, 18.6327

Protanomaly

83.1540, 13.2351, 1.6189

Deuteranomaly

83.6660, 10.0247, 4.6779

Tritanomaly

84.2070, 2.8559, 17.3585

Monochromacy



Original Color

84.7540, 9.9813, 18.6327

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2550, 3.3253, 6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7540, 9.9813, 18.6327 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, 70, 105)` looks like.

```
.text, #text, p{  
    color:rgb(106, 70, 105)  
}
```

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, 70, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 70, 105) }
```

Border

The CSS property to change the border of an element to YUV 84.7540, 9.9813, 18.6327 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, 70, 105) }
```


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

```
.border{ border-color:rgb(106, 70, 105) }
```

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

Here you see how a box with a 4 pixel rgb(106, 70, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 70, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 70, 105);  
box-shadow:4px 4px 4px 4px rgb(106, 70,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 84.7540, 9.9813, 18.6327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 70, 105) }
```

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

```
.background{ background-color: rgb(106, 70,  
105) }
```

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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