

Converting Colors

YUV(63.6810, 20.3703,
-47.0782)

Have a look what the booklet for
YUV(63.6810, 20.3703, -47.0782)
contains.

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Color

**YUV(63.6810, 20.3703,
-47.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	0A5369
RGB	10, 83, 105
RGB Percent	4%, 33%, 41%
CMY	0.9608, 0.6745, 0.5882
CMYK	0.90, 0.21, 0.00, 0.59
HSL	194°, 83%, 23%
HSV	194°, 90%, 41%
XYZ	5.7682, 7.2710, 14.4640
YIQ	63.6810, -50.5700, -8.6340

Conversions

Conversions Part 2

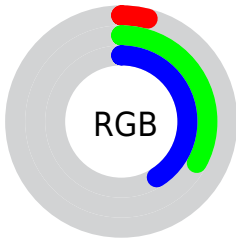
Format	Color
R_{YB}	10, 51, 105
Decimal	676713
CIE _{Lab}	32.42, -12.20, -18.57
CIE _{LCh}	32, 22.222, 236.699
Yxy	7.2710, 0.2097, 0.2644
Android (android.graphics.Color)	4278866793 (0xFF0A5369)
YUV	63.6810, 20.3703, -47.0782
Hunter-Lab	26.9647, -9.0039, -12.9282

Details

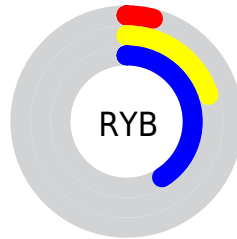
The YUV color **63.6810, 20.3703, -47.0782** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **51.3190, -20.3703, 47.0782**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9810, 18.7434, -38.5713**, and **28.9180, 14.3374, -25.3611** is the 20% darker color. If you saturate the color by 10%, you get **59.5170, 22.4231, -52.1964**, and if you desaturate by 10%, it is **67.8450, 18.3174, -41.9601**.

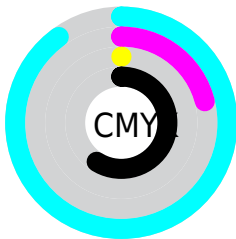
Distribution



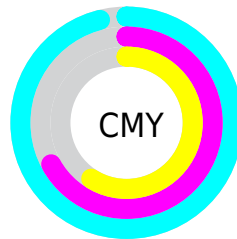
- Red (4%)
- Green (33%)
- Blue (41%)



- Red (4%)
- Yellow (20%)
- Blue (41%)



- Cyan (90%)
- Magenta (21%)
- Yellow (0%)
- Black (59%)



- Cyan (96%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.6810, 20.3703, -47.0782 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 63.6810, 20.3703, -47.0782 by changing the saturation by 10% instead.

63.6810, 20.3703,
-47.0782

63.6810, 20.3703,
-47.0782

255.0000, 0.0000,
0.0000

44.4540, 18.0172,
-38.9862

117.9810, 18.7434,
-38.5713

28.9180, 14.3374,
-25.3611

144.3940, 19.0328,
-38.0565

14.0830, 10.8051,
-12.3508

171.5080, 19.4696,
-38.1565

2.0690, 5.3890,
-1.8145

198.9210, 19.7589,
-37.6417

0.0000, 0.0000,
0.0000

226.1400, 14.2280,
-36.9568

242.4420, 6.1911,

-25.8206

251.1130, 1.9163,
-7.9921

63.6810, 20.3703,
-47.0782

63.6810, 20.3703,
-47.0782

59.5170, 22.4231,
-52.1964

67.8450, 18.3174,
-41.9601

72.8950, 15.8278,
-36.7419

77.0590, 13.7749,
-31.6237

82.1090, 11.2853,
-26.4056

86.2730, 9.2324,
-21.2874

■ 91.3230, 6.7428,
-16.0693

■ 95.4870, 4.6899,
-10.9511

■ 99.9500, 2.4897,
-5.2181

■ 104.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



60.2690, 15.1504, -52.8559



63.6810, 20.3703, -47.0782



73.0800, 18.6946, -22.8722

Triad

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



63.6810, 20.3703, -47.0782



78.2790, 0.3555, 26.0653



73.5040, -14.5455, -1.3190

Complementary

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



63.6810, 20.3703, -47.0782



51.3190, -20.3703, 47.0782

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.



75.3100, -16.9148, 12.0061



63.6810, 20.3703, -47.0782



77.4120, -8.0911, 28.5797

Square

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



63.6810, 20.3703, -47.0782



78.3900, 8.6817, 15.4440



76.1850, -13.8952, 23.5168



70.9410, -7.3659, -17.4883

Rectangle

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



63.6810, 20.3703, -47.0782



76.5980, 16.4672, -8.4174



76.1850, -13.8952, 23.5168



73.8960, -15.7247, 3.5992

Sweetspot

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



63.6810, 20.3703, -47.0782



121.6540, 8.0586, -18.1136



68.1590, -18.3194, -51.0054



59.4870, 4.6899, -10.9511



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.



63.6810, 20.3703, -47.0782



77.9540, 29.6027, -68.3657



36.6790, 33.6823, -23.3975



51.0320, 1.4632, -2.6591



66.1680, 25.0602, -58.0293



138.2860, 52.6100, -121.2768

Inverse Universe

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



46.7270, 17.8826, 51.1054



53.3460, 25.9584, 74.2416



78.3210, -33.6823, 23.3975



50.2500, 0.8628, 3.2887



45.2430, 22.0652, 62.9309



94.6870, 46.0033, 131.8245

Previews

White Background



This preview shows how the YUV color 63.6810, 20.3703, -47.0782 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 63.6810, 20.3703, -47.0782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

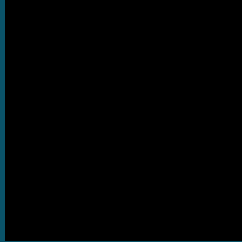
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.6810, 20.3703, -47.0782

Background



This preview shows how black text looks on a background with the YUV color 63.6810, 20.3703, -47.0782.

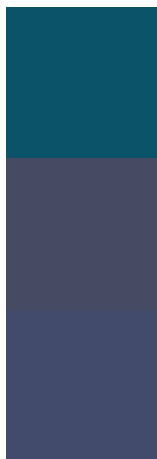


This preview shows how white text looks on a background with the YUV color 63.6810, 20.3703, -47.0782.

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

63.6810, 20.3703, -47.0782

Protanopia

76.2410, 11.2202, -5.4734

Deuteranopia

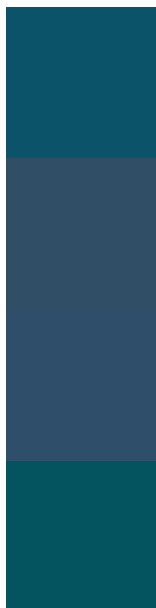
75.9570, 15.3042, -8.7323



Tritanopia

60.2690, 15.1504, -52.8559

Trichromacy



Original Color

63.6810, 20.3703, -47.0782

Protanomaly

71.6520, 14.4686, -20.7428

Deuteranomaly

71.6240, 16.9474, -22.4722

Tritanomaly

61.4480, 17.0341, -50.3819

Monochromacy



Original Color

63.6810, 20.3703, -47.0782

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8390, 7.4744, -17.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.6810, 20.3703, -47.0782 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(10, 83, 105)` looks like.

```
.text, #text, p{  
    color:rgb(10, 83, 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(10, 83, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 83, 105) }
```

Border

The CSS property to change the border of an element to YUV 63.6810, 20.3703, -47.0782 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(10, 83, 105) }
```


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

```
.border{ border-color:rgb(10, 83, 105) }
```

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

Here you see how a box with a 4 pixel rgb(10, 83, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 83, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 83, 105);  
box-shadow:4px 4px 4px 4px rgb(10, 83,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 63.6810, 20.3703, -47.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 83, 105) }
```

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

```
.background{ background-color: rgb(10, 83,  
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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