

Converting Colors

YUV(64.7890, 3.0620, -48.9270)

Have a look what the booklet for
YUV(64.7890, 3.0620, -48.9270)
contains.

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Color

**YUV(64.7890, 3.0620,
-48.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	095C47
RGB	9, 92, 71
RGB Percent	4%, 36%, 28%
CMY	0.9647, 0.6392, 0.7216
CMYK	0.90, 0.00, 0.23, 0.64
HSL	165°, 82%, 20%
HSV	165°, 90%, 36%
XYZ	5.0771, 8.1673, 7.2701
YIQ	64.7890, -42.7270, -24.1270

Conversions

Conversions Part 2

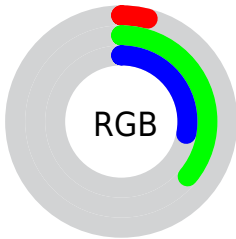
Format	Color
R_{YB}	9, 57, 92
Decimal	613447
CIE _{Lab}	34.33, -28.63, 5.64
CIE _{LCh}	34, 29.179, 168.863
Yxy	8.1673, 0.2475, 0.3981
Android (android.graphics.Color)	4278803527 (0xFF095C47)
YUV	64.7890, 3.0620, -48.9270
Hunter-Lab	28.5785, -18.3008, 4.9221

Details

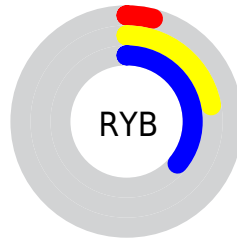
The YUV color **64.7890, 3.0620, -48.9270** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **36.2110, -3.0620, 48.9270**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7360, 0.1302, -41.8645**, and **29.6070, -0.7923, -25.9653** is the 20% darker color. If you saturate the color by 10%, you get **61.8700, 3.5151, -54.2600**, and if you desaturate by 10%, it is **67.7080, 2.6090, -43.5939**.

Distribution



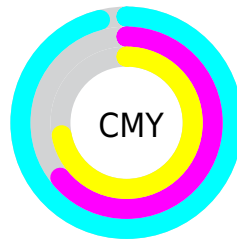
- Red (4%)
- Green (36%)
- Blue (28%)



- Red (4%)
- Yellow (22%)
- Blue (36%)



- Cyan (90%)
- Magenta (0%)
- Yellow (23%)
- Black (64%)



- Cyan (96%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7890, 3.0620, -48.9270 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 64.7890, 3.0620, -48.9270 by changing the saturation by 10% instead.

■ 64.7890, 3.0620,
-48.9270

■ 64.7890, 3.0620,
-48.9270

■ 255.0000, 0.0000,
0.0000

■ 45.5020, 1.7245,
-39.9053

■ 118.7360, 0.1302,
-41.8645

■ 29.6070, -0.7923,
-25.9653

■ 145.3230, -0.1592,
-42.3793

■ 14.2020, -6.5086,
-12.4552

■ 172.3230, -0.1592,
-42.3793

■ 0.0000, 0.0000,
0.0000

■ 199.9100, -0.4486,
-42.8941

■ 228.4970, -0.7380,
-43.4089

■ 240.6480, 7.0755,

-29.5093

■ 249.3190, 2.8007,
-11.6808

■ 64.7890, 3.0620,
-48.9270

■ 64.7890, 3.0620,
-48.9270

■ 61.8700, 3.5151,
-54.2600

■ 67.7080, 2.6090,
-43.5939

■ 70.7410, 2.5927,
-38.3609

■ 73.9590, 1.9922,
-32.4130

■ 76.8780, 1.5391,
-27.0800

■ 79.9110, 1.5229,
-21.8469

■ 82.8300, 1.0698,
-16.5139

■ 85.7490, 0.6167,
-11.1809

■ 89.0810, 0.4531,
-5.3330

■ 92.0000, 0.0000,
0.0000

Harmonies

Analogous

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



73.6760, -12.1653, -18.1329



64.7890, 3.0620, -48.9270



64.8340, 14.8718, -56.8594

Triad

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



64.7890, 3.0620, -48.9270



80.6670, 21.8562, -10.2320



80.5560, -16.5431, 32.8384

Complementary

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



64.7890, 3.0620, -48.9270



36.2110, -3.0620, 48.9270

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.



81.4070, -7.1027, 38.2311



64.7890, 3.0620, -48.9270



83.3560, 13.6285, 15.4738

Square

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



64.7890, 3.0620, -48.9270



67.5370, 28.8223, -51.3369



82.2350, 3.8281, 32.2429



78.9860, -22.1781, 20.1833

Rectangle

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



64.7890, 3.0620, -48.9270



65.8430, 21.2764, -57.7443



82.2350, 3.8281, 32.2429



80.3760, -13.4964, 35.6272

Sweetspot

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



64.7890, 3.0620, -48.9270



109.2210, 1.3700, -19.4878



64.2990, -27.2624, -29.2032



54.7490, 0.6167, -11.1809



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



64.7890, 3.0620, -48.9270



80.7000, 4.5849, -70.7739



56.0300, 17.7332, -41.2453



44.3910, 0.3002, -2.9739



73.9180, 3.9844, -64.8261



159.2970, 8.7276, -139.7035

Inverse Universe

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



36.2110, -3.0620, 48.9270



39.3000, -4.5849, 70.7739



44.9700, -17.7332, 41.2453



42.6090, -0.3002, 2.9739



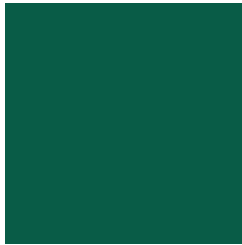
36.0820, -3.9844, 64.8261



77.7030, -8.7276, 139.7035

Previews

White Background



This preview shows how the YUV color 64.7890, 3.0620, -48.9270 looks on a white background.

Color Contrast Check

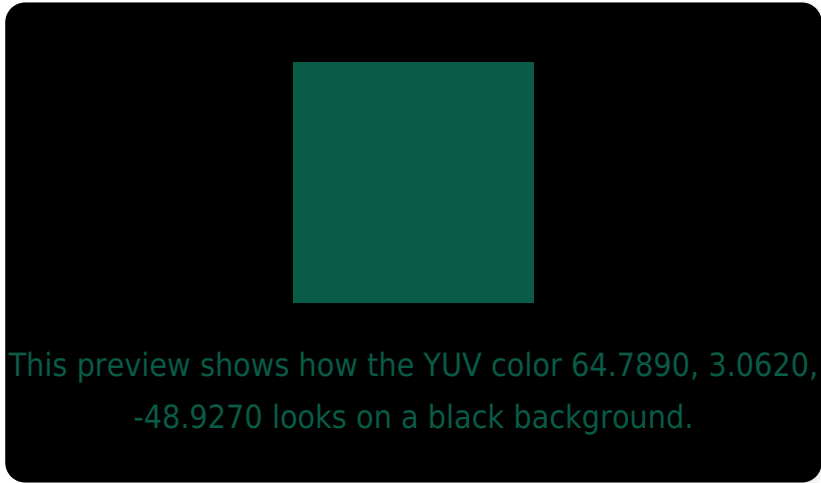
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

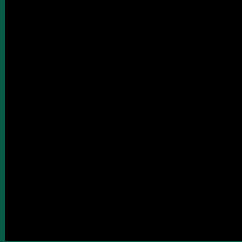
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.7890, 3.0620, -48.9270

Background



This preview shows how black text looks on a background with the YUV color 64.7890, 3.0620, -48.9270.



This preview shows how white text looks on a background with the YUV color 64.7890, 3.0620, -48.9270.

-48.9270.

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

64.7890, 3.0620, -48.9270

Protanopia

79.7850, -7.2890, 4.5736

Deuteranopia

81.4310, -3.6635, 8.3920



Tritanopia

72.1570, 11.7546, -36.9717

Trichromacy



Original Color

64.7890, 3.0620, -48.9270

Protanomaly

73.9890, -3.4456, -14.8994

Deuteranomaly

75.2820, -1.1250, -12.5253

Tritanomaly

69.3260, 8.7133, -41.5049

Monochromacy



Original Color

64.7890, 3.0620, -48.9270

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1180, 0.9278, -17.6435

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7890, 3.0620, -48.9270 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(9, 92, 71)` looks like.

```
.text, #text, p{  
    color:rgb(9, 92, 71)  
}
```

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(9, 92, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 92, 71) }
```

Border

The CSS property to change the border of an element to YUV 64.7890, 3.0620, -48.9270 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(9, 92, 71) }
```


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

```
.border{ border-color:rgb(9, 92, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 92, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 92, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 92, 71); box-shadow:4px  
4px 4px 4px rgb(9, 92, 71) }
```

Background

The CSS property to change the background color of an element to YUV 64.7890, 3.0620, -48.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 92, 71) }
```

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

```
.background{ background-color: rgb(9, 92,  
71) }
```

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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