

Converting Colors

YUV(68.7890, 3.0620, -48.9270)

Have a look what the booklet for
YUV(68.7890, 3.0620, -48.9270)
contains.

YUV(68.7890, 3.0620, -48.9270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(68.7890, 3.0620,
-48.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	0D604B
RGB	13, 96, 75
RGB Percent	5%, 38%, 29%
CMY	0.9490, 0.6235, 0.7059
CMYK	0.86, 0.00, 0.22, 0.62
HSL	165°, 76%, 21%
HSV	165°, 86%, 38%
XYZ	5.6189, 8.9593, 8.0898
YIQ	68.7890, -42.7270, -24.1270

Conversions

Conversions Part 2

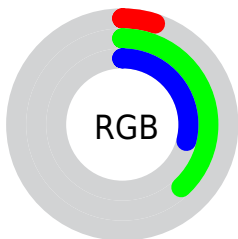
Format	Color
RYB	13, 61, 96
Decimal	876619
CIELab	35.91, -28.95, 5.41
CIELCh	36, 29.456, 169.410
Yxy	8.9593, 0.2479, 0.3952
Android (android.graphics.Color)	4279066699 (0xFF0D604B)
YUV	68.7890, 3.0620, -48.9270
Hunter-Lab	29.9321, -18.8732, 4.9281

Details

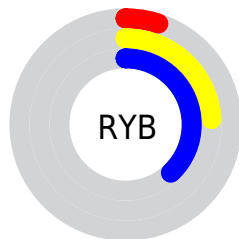
The YUV color **68.7890, 3.0620, -48.9270** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **40.2110, -3.0620, 48.9270**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2520, 0.8618, -43.1940**, and **32.2970, -0.6394, -28.3245** is the 20% darker color. If you saturate the color by 10%, you get **65.5710, 3.6625, -54.8748**, and if you desaturate by 10%, it is **72.0070, 2.4615, -42.9791**.

Distribution



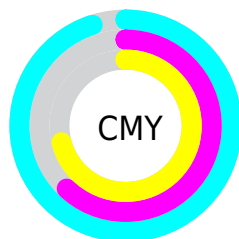
- Red (5%)
- Green (38%)
- Blue (29%)



- Red (5%)
- Yellow (24%)
- Blue (38%)



- Cyan (86%)
- Magenta (0%)
- Yellow (22%)
- Black (62%)



- Cyan (95%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.7890, 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 68.7890, 3.0620, -48.9270 by changing the saturation by 10% instead.

■ 68.7890, 3.0620,
-48.9270

■ 68.7890, 3.0620,
-48.9270

■ 255.0000, 0.0000,
0.0000

■ 48.1920, 1.8773,
-42.2644

■ 122.2520, 0.8618,
-43.1940

■ 32.2970, -0.6394,
-28.3245

■ 149.1380, 0.4250,
-43.0940

■ 17.8210, -5.3348,
-15.6290

■ 176.6110, -0.3012,
-43.5088

■ 0.0000, 0.0000,
0.0000

■ 204.3120, -0.1538,
-44.1236

■ 230.5510, 0.7144,
-42.5792

■ 241.8440, 6.4859,

-27.0502

250.5150, 2.2111,
-9.2217

68.7890, 3.0620,
-48.9270

68.7890, 3.0620,
-48.9270

65.5710, 3.6625,
-54.8748

72.0070, 2.4615,
-42.9791

64.5600, 3.6679,
-56.6191

75.0400, 2.4453,
-37.7461

78.2580, 1.8448,
-31.7983

81.2910, 1.8285,
-26.5652

84.5090, 1.2281,
-20.6174

■ 87.8410, 1.0644,
-14.7696

■ 90.7600, 0.6113,
-9.4365

■ 93.9780, 0.0108,
-3.4887

■ 97.0110, -0.0054,
1.7444

Harmonies

Analogous

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



77.3770, -12.0179, -18.7476



68.7890, 3.0620, -48.9270



67.6380, 15.4615, -59.3185

Triad

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



68.7890, 3.0620, -48.9270



84.6670, 21.8562, -10.2320



84.4420, -16.9799, 32.9384

Complementary

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



68.7890, 3.0620, -48.9270



40.2110, -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.



85.2930, -7.5394, 38.3310



68.7890, 3.0620, -48.9270



86.7690, 13.9179, 15.9886

Square

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



68.7890, 3.0620, -48.9270



72.5590, 28.8114, -47.8482



86.5340, 3.6807, 32.8577



82.8720, -22.6149, 20.2833

Rectangle

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



68.7890, 3.0620, -48.9270



68.7610, 22.3028, -60.3034



86.5340, 3.6807, 32.8577



84.5610, -14.0806, 36.3420

Sweetspot

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



68.7890, 3.0620, -48.9270



114.2210, 1.3700, -19.4878



68.2990, -27.2624, -29.2032



57.4500, 0.7642, -11.7956



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



68.7890, 3.0620, -48.9270



83.9770, 4.4483, -73.6478



60.0300, 17.7332, -41.2453



46.6900, 0.1528, -2.3591



75.3200, 4.2792, -66.0556



161.2860, 8.7330, -141.4478

Inverse Universe

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



40.2110, -3.0620, 48.9270



41.0230, -4.4483, 73.6478



48.9700, -17.7332, 41.2453



45.3100, -0.1528, 2.3591



36.6800, -4.2792, 66.0556



78.7140, -8.7330, 141.4478

Previews

White Background



This preview shows how the YUV color 68.7890, 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



This preview shows how the YUV color 68.7890, 3.0620, -48.9270 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 68.7890, 3.0620, -48.9270

Background



This preview shows how black text looks on a background with the YUV color 68.7890, 3.0620, -48.9270.



This preview shows how white text looks on a background with the YUV color 68.7890, 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

68.7890, 3.0620, -48.9270

Protanopia

83.7850, -7.2890, 4.5736

Deuteranopia

84.8440, -3.3741, 8.9068



Tritanopia

75.5590, 12.0494, -38.2012

Trichromacy



Original Color

68.7890, 3.0620, -48.9270

Protanomaly

77.9890, -3.4456, -14.8994

Deuteranomaly

78.6950, -0.8356, -12.0105

Tritanomaly

73.0270, 8.8607, -42.1197

Monochromacy



Original Color

68.7890, 3.0620, -48.9270

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1180, 0.9278, -17.6435

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.7890, 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(13, 96, 75)` looks like.

```
.text, #text, p{  
    color:rgb(13, 96, 75)  
}
```

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(13, 96, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 96, 75) }
```

Border

The CSS property to change the border of an element to YUV 68.7890, 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(13, 96, 75) }
```


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

```
.border{ border-color:rgb(13, 96, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 96, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 96, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 96, 75);  
box-shadow:4px 4px 4px 4px rgb(13, 96, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.7890, 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(13, 96, 75) }
```

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

```
.background{ background-color: rgb(13, 96,  
75) }
```

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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