

Converting Colors

YUV(63.9070, 27.6538,
-49.9074)

Have a look what the booklet for
YUV(63.9070, 27.6538, -49.9074)
contains.

YUV(63.9070, 27.6538, -49.9074)	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(63.9070, 27.6538,
-49.9074)**

Conversions

Conversions Part 1

Format	Color
Hex	075278
RGB	7, 82, 120
RGB Percent	3%, 32%, 47%
CMY	0.9725, 0.6784, 0.5294
CMYK	0.94, 0.32, 0.00, 0.53
HSL	200°, 89%, 25%
HSV	200°, 94%, 47%
XYZ	6.4951, 7.4358, 18.8622
YIQ	63.9070, -56.8980, -4.0820

Conversions

Conversions Part 2

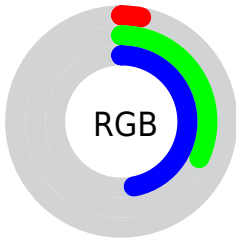
Format	Color
RYB	7, 52, 120
Decimal	479864
CIELab	32.78, -5.84, -27.39
CIELCh	33, 28.004, 257.969
Yxy	7.4358, 0.1981, 0.2267
Android (android.graphics.Color)	4278669944 (0xFF075278)
YUV	63.9070, 27.6538, -49.9074
Hunter-Lab	27.2687, -5.2037, -21.9238

Details

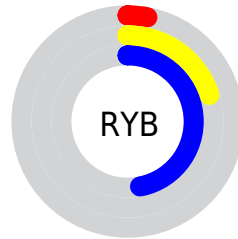
The YUV color **63.9070, 27.6538, -49.9074** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **63.0930, -27.6538, 49.9074**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6420, 26.3055, -37.3970**, and **30.4000, 20.0158, -26.6608** is the 20% darker color. If you saturate the color by 10%, you get **60.6400, 29.2645, -53.1813**, and if you desaturate by 10%, it is **69.8430, 24.7274, -44.5893**.

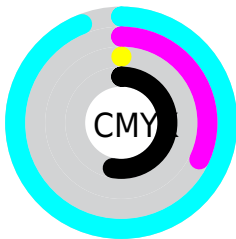
Distribution



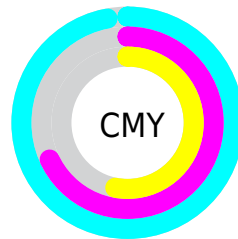
- Red (3%)
- Green (32%)
- Blue (47%)



- Red (3%)
- Yellow (20%)
- Blue (47%)



- Cyan (94%)
- Magenta (32%)
- Yellow (0%)
- Black (53%)



- Cyan (97%)
- Magenta (68%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9070, 27.6538, -49.9074 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 63.9070, 27.6538, -49.9074 by changing the saturation by 10% instead.

■ 63.9070, 27.6538,
-49.9074

■ 63.9070, 27.6538,
-49.9074

■ 255.0000, 0.0000,
0.0000

■ 45.4630, 24.4217,
-39.8711

■ 119.6420, 26.3055,
-37.3970

■ 30.4000, 20.0158,
-26.6608

■ 146.0550, 26.5949,
-36.8822

■ 15.5650, 16.4835,
-13.6505

■ 173.4680, 26.8843,
-36.3674

■ 3.6650, 11.5042,
-3.2142

■ 201.3540, 26.4475,
-36.2675

■ 0.0000, 0.0000,
0.0000

■ 226.1620, 14.2171,
-33.4681

■ 243.6380, 5.6015,

-23.3615

■ 252.6080, 1.1793,
-4.9182

■ 63.9070, 27.6538,
-49.9074

■ 63.9070, 27.6538,
-49.9074

■ 60.6400, 29.2645,
-53.1813

■ 69.8430, 24.7274,
-44.5893

■ 75.7790, 21.8010,
-39.2712

■ 81.7150, 18.8745,
-33.9531

■ 87.6510, 15.9481,
-28.6349

■ 93.5870, 13.0216,
-23.3168

■ 99.5230, 10.0952,
-17.9987

■ 105.4590, 7.1687,
-12.6805

■ 111.3950, 4.2423,
-7.3624

■ 117.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



63.4950, 22.4340, -55.6851



63.9070, 27.6538, -49.9074



76.7270, 20.8406, -11.1616

Triad

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



63.9070, 27.6538, -49.9074



77.6240, -6.2236, 36.2868



70.6870, -12.1707, -16.3885

Complementary

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



63.9070, 27.6538, -49.9074



63.0930, -27.6538, 49.9074

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.



73.7450, -20.0873, 2.8546



63.9070, 27.6538, -49.9074



77.0720, -15.8115, 31.5089

Square

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



63.9070, 27.6538, -49.9074



79.2240, 3.8336, 30.4986



75.9150, -21.1571, 19.3685



62.8820, 2.0302, -44.6235

Rectangle

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



63.9070, 27.6538, -49.9074



79.2840, 16.1290, 6.7669



75.9150, -21.1571, 19.3685



72.2210, -15.3920, -9.8408

Sweetspot

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



63.9070, 27.6538, -49.9074



134.0390, 10.8268, -19.3282



77.6630, -16.1029, -61.9715



65.6440, 6.5845, -11.9658



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



63.9070, 27.6538, -49.9074



78.2450, 38.3332, -68.6209



31.0350, 43.8597, -21.0787



58.0320, 1.4632, -2.6591



62.9710, 30.5803, -55.2256



127.3440, 61.4554, -111.6807

Inverse Universe

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



49.3370, 16.1029, 61.9715



58.3860, 21.9947, 85.6075



95.9650, -43.8597, 21.0787



57.2500, 0.8628, 3.2887



46.8370, 17.8284, 68.5490



94.5000, 36.2355, 138.1275

Previews

White Background



This preview shows how the YUV color 63.9070, 27.6538, -49.9074 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 63.9070, 27.6538, -49.9074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

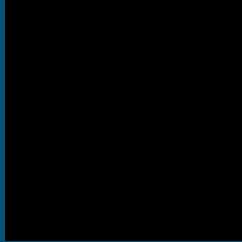
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.9070, 27.6538, -49.9074

Background



This preview shows how black text looks on a background with the YUV color 63.9070, 27.6538, -49.9074.



This preview shows how white text looks on a background with the YUV color 63.9070, 27.6538,

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

63.9070, 27.6538, -49.9074

Protanopia

76.8580, 18.8040, -11.2765

Deuteranopia

74.8400, 22.7569, -19.1537



Tritanopia

60.9700, 15.2978, -53.4707

Trichromacy



Original Color

63.9070, 27.6538, -49.9074

Protanomaly

71.9810, 22.1944, -25.4163

Deuteranomaly

70.9310, 24.6840, -30.6345

Tritanomaly

62.4200, 19.5129, -52.1113

Monochromacy



Original Color

63.9070, 27.6538, -49.9074

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1100, 9.8058, -18.5135

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9070, 27.6538, -49.9074 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(7, 82, 120)` looks like.

```
.text, #text, p{  
    color:rgb(7, 82, 120)  
}
```

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(7, 82, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 82, 120) }
```

Border

The CSS property to change the border of an element to YUV 63.9070, 27.6538, -49.9074 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(7, 82, 120) }
```


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

```
.border{ border-color:rgb(7, 82, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 82, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 82, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 82, 120);  
box-shadow:4px 4px 4px 4px rgb(7, 82, 120)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.9070, 27.6538, -49.9074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 82, 120) }
```

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

```
.background{ background-color: rgb(7, 82,  
120) }
```

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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