

Converting Colors

YUV(88.9930, 23.6675,
-78.0469)

Have a look what the booklet for
YUV(88.9930, 23.6675, -78.0469)
contains.

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Color

**YUV(88.9930, 23.6675,
-78.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	007D89
RGB	0, 125, 137
RGB Percent	0%, 49%, 54%
CMY	1.0000, 0.5098, 0.4627
CMYK	1.00, 0.09, 0.00, 0.46
HSL	185°, 100%, 27%
HSV	185°, 100%, 54%
XYZ	11.8490, 16.4734, 26.2221
YIQ	88.9930, -78.3520, -22.7680

Conversions

Conversions Part 2

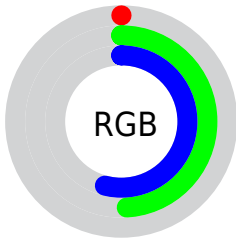
Format	Color
RYB	0, 65, 137
Decimal	32137
CIELab	47.59, -24.32, -14.79
CIElCh	48, 28.464, 211.318
Yxy	16.4734, 0.2172, 0.3020
Android (android.graphics.Color)	4278222217 (0xFF007D89)
YUV	88.9930, 23.6675, -78.0469
Hunter-Lab	40.5874, -18.9172, -9.8940

Details

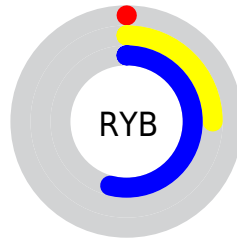
The YUV color **88.9930, 23.6675, -78.0469** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **48.0070, -23.6675, 78.0469**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9630, 19.2452, -59.6036**, and **54.5300, 16.0077, -47.8228** is the 20% darker color. If you saturate the color by 10%, you get **88.9930, 23.6675, -78.0469**, and if you desaturate by 10%, it is **93.7660, 21.3144, -69.9548**.

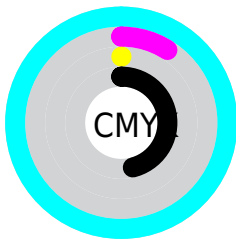
Distribution



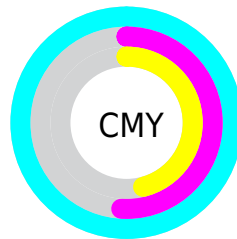
- Red (0%)
- Green (49%)
- Blue (54%)



- Red (0%)
- Yellow (25%)
- Blue (54%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.9930, 23.6675, -78.0469 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 88.9930, 23.6675, -78.0469 by changing the saturation by 10% instead.

88.9930, 23.6675,
-78.0469

88.9930, 23.6675,
-78.0469

255.0000, 0.0000,
0.0000

71.4680, 19.9823,
-62.6774

150.9630, 19.2452,
-59.6036

54.5300, 16.0077,
-47.8228

179.5610, 18.9504,
-58.3740

37.8200, 12.9067,
-33.1681

207.9740, 19.2398,
-57.8592

23.5720, 9.0850,
-20.6726

229.8840, 12.3822,
-51.6413

3.0950, 9.3202,
-2.7143

238.5550, 8.1074,
-33.8127

0.0000, 0.0000,
0.0000

247.2260, 3.8326,

-15.9842

■ 88.9930, 23.6675,
-78.0469

■ 93.7660, 21.3144,
-69.9548

■ 98.2400, 19.1087,
-62.4775

■ 103.6000, 16.4662,
-54.9002

■ 108.3730, 14.1131,
-46.8081

■ 113.1460, 11.7600,
-38.7160

■ 117.6200, 9.5543,
-31.2387

■ 122.3930, 7.2013,
-23.1467

■ 127.7530, 4.5588,
-15.5694

■ 132.2270, 2.3531,
-8.0921

Harmonies

Analogous

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



98.8040, 6.9986, -51.5711



88.9930, 23.6675, -78.0469



99.0480, 27.0913, -56.1701

Triad

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



88.9930, 23.6675, -78.0469



116.0860, 9.8176, 24.4806



111.3120, -23.3248, 14.6354

Complementary

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



88.9930, 23.6675, -78.0469



48.0070, -23.6675, 78.0469

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.



112.5080, -20.4634, 30.2495



88.9930, 23.6675, -78.0469



115.3020, -1.1349, 37.4461

Square

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



88.9930, 23.6675, -78.0469



114.7610, 19.3448, 1.9636



113.7400, -12.1968, 38.8160



108.4450, -18.4604, -5.6523

Rectangle

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



88.9930, 23.6675, -78.0469



106.3540, 26.4475, -36.2675



113.7400, -12.1968, 38.8160



111.7580, -23.0517, 20.3832

Sweetspot

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



88.9930, 23.6675, -78.0469



159.9190, 9.4069, -30.6240



81.6730, -34.8418, -71.6272



77.6710, 5.5852, -18.1285



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



88.9930, 23.6675, -78.0469



116.0870, 31.0161, -101.8083



49.0770, 43.3460, -43.0405



66.3200, 1.3212, -3.7886



86.1890, 23.0778, -75.5878



3.5050, 0.7370, -3.0739

Inverse Universe

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



55.2130, 34.4050, 71.7272



72.1030, 44.8122, 93.7487



87.9230, -43.3460, 43.0405



64.7770, 1.5889, 3.7036



53.5610, 33.2474, 69.6680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 88.9930, 23.6675, -78.0469 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 × Fail

Black Background



This preview shows how the YUV color 88.9930, 23.6675, -78.0469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

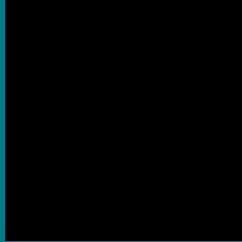
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.9930, 23.6675, -78.0469

Background



This preview shows how black text looks on a background with the YUV color 88.9930, 23.6675, -78.0469.



This preview shows how white text looks on a background with the YUV color 88.9930, 23.6675,

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



Protanopia

113.2260, 7.2836, -2.8292

Deuteranopia

113.1210, 13.2513, -3.6141

Tritanopia

88.7650, 22.7939, -77.8469

Trichromacy



Protanomaly

104.5430, 13.0433, -30.2942

Deuteranomaly

103.9820, 17.2639, -30.6792

Tritanomaly

88.8790, 23.2307, -77.9469

Monochromacy



Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0010, 8.3805, -28.0649

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9930, 23.6675, -78.0469 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(0, 125, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 137)  
}
```

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(0, 125, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 137) }
```

Border

The CSS property to change the border of an element to YUV 88.9930, 23.6675, -78.0469 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(0, 125, 137) }
```

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

```
.border{ border-color:rgb(0, 125, 137) }
```

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

Here you see how a box with a 4 pixel rgb(0, 125, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
137) }
```


Background

The CSS property to change the background color of an element to YUV 88.9930, 23.6675, -78.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 137) }
```

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

```
.background{ background-color: rgb(0, 125,  
137) }
```

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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