

Converting Colors

YUV(87.0790, 46.7961,
-76.3683)

Have a look what the booklet for
YUV(87.0790, 46.7961, -76.3683)
contains.

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Color

**YUV(87.0790, 46.7961,
-76.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	0071B6
RGB	0, 113, 182
RGB Percent	0%, 44%, 71%
CMY	1.0000, 0.5569, 0.2863
CMYK	1.00, 0.38, 0.00, 0.29
HSL	203°, 100%, 36%
HSV	203°, 100%, 71%
XYZ	14.3486, 15.1877, 46.4312
YIQ	87.0790, -89.4970, -2.4970

Conversions

Conversions Part 2

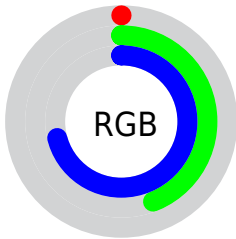
Format	Color
RYB	0, 70, 182
Decimal	29110
CIELab	45.89, -0.54, -43.83
CIELCh	46, 43.834, 269.300
Yxy	15.1877, 0.1889, 0.1999
Android (android.graphics.Color)	4278219190 (0xFF0071B6)
YUV	87.0790, 46.7961, -76.3683
Hunter-Lab	38.9713, -2.4790, -43.3593

Details

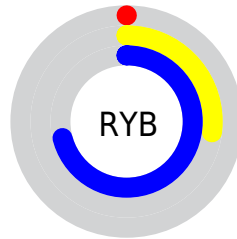
The YUV color **87.0790, 46.7961, -76.3683** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **94.9210, -46.7961, 76.3683**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9080, 42.9364, -51.6623**, and **53.4480, 37.2471, -46.8739** is the 20% darker color. If you saturate the color by 10%, you get **87.0790, 46.7961, -76.3683**, and if you desaturate by 10%, it is **96.5700, 42.1170, -68.9059**.

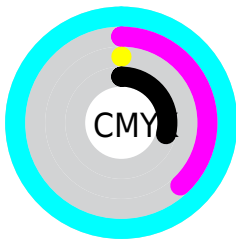
Distribution



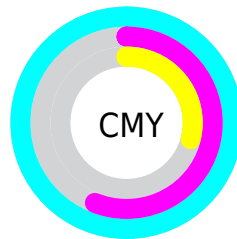
- Red (0%)
- Green (44%)
- Blue (71%)



- Red (0%)
- Yellow (27%)
- Blue (71%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0790, 46.7961, -76.3683 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 87.0790, 46.7961, -76.3683 by changing the saturation by 10% instead.

■ 87.0790, 46.7961,
-76.3683

■ 87.0790, 46.7961,
-76.3683

■ 255.0000, 0.0000,
0.0000

■ 69.9130, 41.9479,
-61.3137

■ 150.9080, 42.9364,
-51.6623

■ 53.4480, 37.2471,
-46.8739

■ 177.9640, 37.9787,
-48.2034

■ 37.5700, 32.2570,
-32.9489

■ 203.3700, 25.4536,
-44.1745

■ 22.9800, 27.1249,
-20.1535

■ 229.3630, 12.6390,
-40.6604

■ 9.2050, 22.5769,
-8.0728

■ 242.4420, 6.1911,
-25.8206

■ 4.9360, 13.8356,
-4.3289

■ 251.7110, 1.6215,

■ 0.6840, 2.6208,

-6.7625

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 87.0790, 46.7961,
-76.3683

■ 96.5700, 42.1170,
-68.9059

■ 106.0610, 37.4379,
-61.4435

■ 115.8510, 32.6115,
-53.3663

■ 125.3420, 27.9324,
-45.9039

■ 134.8330, 23.2533,
-38.4415

■ 143.7370, 18.8637,
-30.4643

■ 153.2280, 14.1846,
-23.0020

■ 163.0180, 9.3581,
-14.9248

■ 172.5090, 4.6791,
-7.4624

Harmonies

Analogous

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



91.1080, 39.3868, -79.9017



87.0790, 46.7961, -76.3683



110.1270, 30.9964, -1.8654

Triad

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



87.0790, 46.7961, -76.3683



107.5360, -16.0402, 58.2889



92.4400, -11.0629, -45.1129

Complementary

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



87.0790, 46.7961, -76.3683



94.9210, -46.7961, 76.3683

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.



101.0460, -30.0957, -7.0563



87.0790, 46.7961, -76.3683



106.9630, -30.5478, 44.7594

Square

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



87.0790, 46.7961, -76.3683



108.7050, 1.1314, 57.2637



104.8000, -36.8764, 21.2234



86.1600, 10.2741, -75.5623

Rectangle

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



87.0790, 46.7961, -76.3683



112.0010, 22.1845, 24.5551



104.8000, -36.8764, 21.2234



96.7640, -19.1107, -30.4880

Sweetspot

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



87.0790, 46.7961, -76.3683



199.9220, 18.2795, -29.7496



114.4720, -23.4037, -100.3919



97.1640, 11.2581, -17.6838



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



87.0790, 46.7961, -76.3683



113.3070, 60.9806, -99.3702



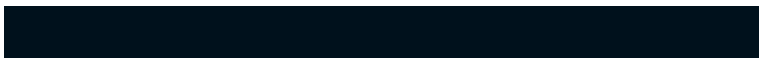
34.8360, 72.5519, -30.5512



86.9610, 2.4842, -3.4738



74.7230, 40.0696, -65.5321



13.1710, 7.3107, -11.5510

Inverse Universe

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



67.3000, 22.5301, 100.5919



87.6210, 29.2738, 131.0054



147.1640, -72.5519, 30.5512



86.2610, 0.8573, 5.0331



57.7020, 19.3739, 86.2073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 87.0790, 46.7961, -76.3683 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 87.0790, 46.7961, -76.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

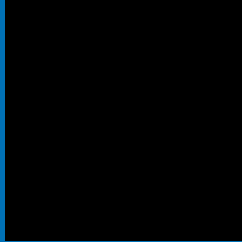
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0790, 46.7961, -76.3683

Background



This preview shows how black text looks on a background with the YUV color 87.0790, 46.7961, -76.3683.



This preview shows how white text looks on a background with the YUV color 87.0790, 46.7961, -76.3683.

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

106.5050, 34.2610, -22.3679

Deuteranopia

101.5890, 40.1356, -39.9816

Tritanopia

85.7330, 21.3306, -75.1878

Trichromacy



Protanomaly

99.8230, 38.5413, -41.9408

Deuteranomaly

96.1960, 42.7944, -52.7919

Tritanomaly

86.1380, 30.4980, -75.5430

Monochromacy



Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7050, 17.4004, -27.8053

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0790, 46.7961, -76.3683 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, 113, 182)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 182)  
}
```

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, 113, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 182) }
```

Border

The CSS property to change the border of an element to YUV 87.0790, 46.7961, -76.3683 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, 113, 182) }
```

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

```
.border{ border-color:rgb(0, 113, 182) }
```

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

Here you see how a box with a 4 pixel rgb(0, 113, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 182);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
182) }
```


Background

The CSS property to change the background color of an element to YUV 87.0790, 46.7961, -76.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 182) }
```

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

```
.background{ background-color: rgb(0, 113,  
182) }
```

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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