

Converting Colors

YUV(77.2920, 26.9710,
-64.2771)

Have a look what the booklet for
YUV(77.2920, 26.9710, -64.2771)
contains.

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Color

**YUV(77.2920, 26.9710,
-64.2771)**

Conversions

Conversions Part 1

Format	Color
Hex	046884
RGB	4, 104, 132
RGB Percent	2%, 41%, 52%
CMY	0.9843, 0.5922, 0.4824
CMYK	0.97, 0.21, 0.00, 0.48
HSL	193°, 94%, 27%
HSV	193°, 97%, 52%
XYZ	9.1652, 11.5924, 23.5843
YIQ	77.2920, -68.5880, -12.4920

Conversions

Conversions Part 2

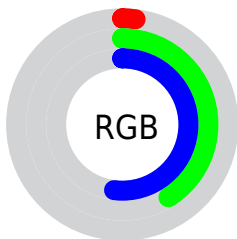
Format	Color
RYB	4, 60, 132
Decimal	288900
CIELab	40.56, -14.51, -22.59
CIELCh	41, 26.853, 237.283
Yxy	11.5924, 0.2067, 0.2614
Android (android.graphics.Color)	4278478980 (0xFF046884)
YUV	77.2920, 26.9710, -64.2771
Hunter-Lab	34.0476, -11.5330, -17.2360

Details

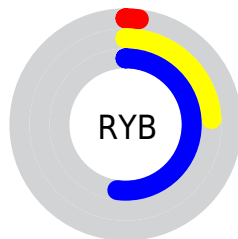
The YUV color **77.2920, 26.9710, -64.2771** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **58.7080, -26.9710, 64.2771**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.9950, 24.1595, -49.1076**, and **42.8070, 19.3221, -37.5417** is the 20% darker color. If you saturate the color by 10%, you get **75.5090, 27.8501, -66.2214**, and if you desaturate by 10%, it is **82.9400, 24.1866, -57.8294**.

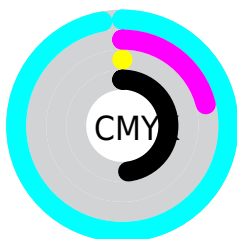
Distribution



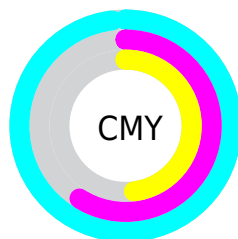
- Red (2%)
- Green (41%)
- Blue (52%)



- Red (2%)
- Yellow (24%)
- Blue (52%)



- Cyan (97%)
- Magenta (21%)
- Yellow (0%)
- Black (48%)



- Cyan (98%)
- Magenta (59%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2920, 26.9710, -64.2771 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 77.2920, 26.9710, -64.2771 by changing the saturation by 10% instead.

■ 77.2920, 26.9710,
-64.2771

■ 77.2920, 26.9710,
-64.2771

■ 255.0000, 0.0000,
0.0000

■ 59.1580, 23.5861,
-51.8816

■ 135.9950, 24.1595,
-49.1076

■ 42.8070, 19.3221,
-37.5417

■ 163.7070, 24.3014,
-47.9780

■ 27.2710, 15.6424,
-23.9167

■ 191.7070, 24.3014,
-47.9780

■ 7.8540, 14.8620,
-6.8880

■ 218.4100, 18.0389,
-45.9636

■ 2.2970, 6.2626,
-2.0145

■ 237.0600, 8.8444,
-36.8866

■ 0.0000, 0.0000,
0.0000

■ 245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 77.2920, 26.9710,
-64.2771

■ 77.2920, 26.9710,
-64.2771

■ 75.5090, 27.8501,
-66.2214

■ 82.9400, 24.1866,
-57.8294

■ 88.5880, 21.4021,
-51.3817

■ 94.5350, 18.4702,
-44.3192

■ 100.1830, 15.6858,
-37.8715

■ 105.2440, 13.1907,
-30.9090

■ 110.8920, 10.4062,
-24.4613

■ 116.5400, 7.6218,
-18.0136

■ 122.4870, 4.6899,
-10.9511

■ 128.1350, 1.9054,
-4.5034

Harmonies

Analogous

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



75.9190, 19.2669, -66.5810



77.2920, 26.9710, -64.2771



90.7140, 23.8050, -28.6902

Triad

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



77.2920, 26.9710, -64.2771



97.7360, 0.6232, 33.5575



91.6950, -17.5976, -2.3635

Complementary

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



77.2920, 26.9710, -64.2771



58.7080, -26.9710, 64.2771

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.



94.4800, -21.4356, 15.3650



77.2920, 26.9710, -64.2771



97.0000, -9.8600, 35.9570

Square

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



77.2920, 26.9710, -64.2771



98.5800, 10.5601, 19.6623



95.7790, -18.1320, 29.1348



88.5660, -8.6600, -22.4214

Rectangle

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



77.2920, 26.9710, -64.2771



95.3250, 20.5458, -9.9320



95.7790, -18.1320, 29.1348



92.5710, -19.5085, 3.8842

Sweetspot

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



77.2920, 26.9710, -64.2771



149.5930, 10.5537, -25.0761



82.3280, -24.8117, -68.6937



73.6220, 6.5954, -15.4545



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



77.2920, 26.9710, -64.2771



97.5650, 36.2035, -85.5645



39.7240, 45.4921, -31.3299



63.6190, 1.1738, -3.1739



74.6940, 27.2659, -65.5066



1.5160, 0.7316, -1.3295

Inverse Universe

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



53.6720, 24.8117, 68.6937



66.2910, 32.8875, 91.8298



96.2760, -45.4921, 31.3299



62.3640, 1.2995, 3.1888



50.4980, 25.3905, 69.7233



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 77.2920, 26.9710, -64.2771 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 77.2920, 26.9710, -64.2771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

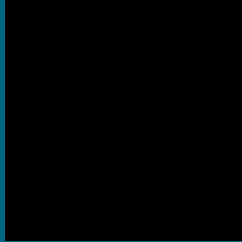
Any Text WCAG AA × Fail

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 77.2920, 26.9710, -64.2771 Background



This preview shows how black text looks on a background with the YUV color 77.2920, 26.9710, -64.2771.



This preview shows how white text looks on a background with the YUV color 77.2920, 26.9710,

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

77.2920, 26.9710, -64.2771

Protanopia

95.4410, 14.5726, -7.4028

Deuteranopia

94.9720, 19.2408, -11.3764



Tritanopia

75.2180, 19.1195, -65.9662

Trichromacy



Original Color

77.2920, 26.9710, -64.2771

Protanomaly

89.1610, 19.1476, -28.2052

Deuteranomaly

88.8340, 21.7738, -30.5494

Tritanomaly

75.7280, 22.3191, -65.5365

Monochromacy



Original Color

77.2920, 26.9710, -64.2771

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0770, 9.8220, -23.7465

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2920, 26.9710, -64.2771 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(4, 104, 132)` looks like.

```
.text, #text, p{  
    color:rgb(4, 104, 132)  
}
```

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(4, 104, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 104, 132) }
```

Border

The CSS property to change the border of an element to YUV 77.2920, 26.9710, -64.2771 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(4, 104, 132) }
```


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

```
.border{ border-color:rgb(4, 104, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 104, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 104, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 104, 132);  
box-shadow:4px 4px 4px 4px rgb(4, 104,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 77.2920, 26.9710, -64.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 104, 132) }
```

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

```
.background{ background-color: rgb(4, 104,  
132) }
```

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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