

Converting Colors

YUV(78.2750, 29.4444,
-64.2622)

Have a look what the booklet for
YUV(78.2750, 29.4444, -64.2622)
contains.

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Color

**YUV(78.2750, 29.4444,
-64.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	05688A
RGB	5, 104, 138
RGB Percent	2%, 41%, 54%
CMY	0.9804, 0.5922, 0.4588
CMYK	0.96, 0.25, 0.00, 0.46
HSL	195°, 93%, 28%
HSV	195°, 96%, 54%
XYZ	9.6003, 11.7679, 25.8102
YIQ	78.2750, -69.9180, -10.4140

Conversions

Conversions Part 2

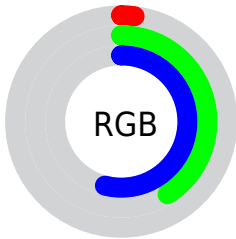
Format	Color
RYB	5, 62, 138
Decimal	354442
CIELab	40.84, -12.17, -25.77
CIELCh	41, 28.496, 244.728
Yxy	11.7679, 0.2035, 0.2494
Android (android.graphics.Color)	4278544522 (0xFF05688A)
YUV	78.2750, 29.4444, -64.2622
Hunter-Lab	34.3043, -10.0779, -20.5961

Details

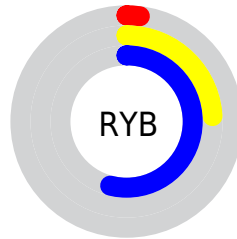
The YUV color **78.2750, 29.4444, -64.2622** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **64.7250, -29.4444, 64.2622**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3910, 26.9222, -48.5779**, and **43.4910, 21.9429, -38.1416** is the 20% darker color. If you saturate the color by 10%, you get **76.1930, 30.4709, -66.8213**, and if you desaturate by 10%, it is **84.8090, 26.2232, -57.7145**.

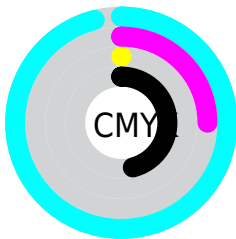
Distribution



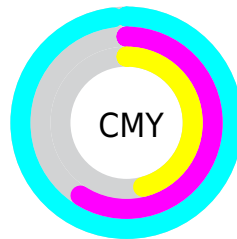
- Red (2%)
- Green (41%)
- Blue (54%)



- Red (2%)
- Yellow (24%)
- Blue (54%)



- Cyan (96%)
- Magenta (25%)
- Yellow (0%)
- Black (46%)



- Cyan (98%)
- Magenta (59%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.2750, 29.4444, -64.2622 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 78.2750, 29.4444, -64.2622 by changing the saturation by 10% instead.

■ 78.2750, 29.4444,
-64.2622

■ 78.2750, 29.4444,
-64.2622

■ 255.0000, 0.0000,
0.0000

■ 59.7280, 25.7701,
-52.3815

■ 137.3910, 26.9222,
-48.5779

■ 43.4910, 21.9429,
-38.1416

■ 165.1030, 27.0642,
-47.4483

■ 27.8410, 17.8264,
-24.4166

■ 193.1030, 27.0642,
-47.4483

■ 10.0710, 15.7410,
-8.8323

■ 219.0080, 17.7441,
-44.7340

■ 2.9810, 8.8834,
-2.6143

■ 237.6580, 8.5496,
-35.6571

■ 0.0000, 0.0000,
0.0000

■ 246.3290, 4.2748,

-17.8285

■ 78.2750, 29.4444,
-64.2622

■ 78.2750, 29.4444,
-64.2622

■ 76.1930, 30.4709,
-66.8213

■ 84.8090, 26.2232,
-57.7145

■ 90.7560, 23.2913,
-50.6520

■ 96.9910, 20.2174,
-44.7191

■ 102.9380, 17.2856,
-37.6566

■ 109.4720, 14.0643,
-31.1089

■ 115.4190, 11.1324,
-24.0465

■ 121.9530, 7.9112,
-17.4988

■ 127.6010, 5.1267,
-11.0511

■ 134.1350, 1.9054,
-4.5034

Harmonies

Analogous

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



77.3040, 22.0351, -67.7956



78.2750, 29.4444, -64.2622



92.9750, 24.6623, -23.6571

Triad

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



78.2750, 29.4444, -64.2622



97.6610, -2.2979, 37.1313



91.7760, -17.1446, -7.6966

Complementary

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



78.2750, 29.4444, -64.2622



64.7250, -29.4444, 64.2622

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.



93.9310, -22.1510, 11.4615



78.2750, 29.4444, -64.2622



97.2020, -12.9176, 36.6568

Square

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



78.2750, 29.4444, -64.2622



99.1570, 8.7966, 25.2953



95.7850, -20.6000, 27.3756



87.3200, -5.5808, -30.0986

Rectangle

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



78.2750, 29.4444, -64.2622



97.3580, 20.5295, -4.6990



95.7850, -20.6000, 27.3756



92.5380, -19.4922, -1.3488

Sweetspot

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



78.2750, 29.4444, -64.2622



155.2340, 11.7166, -24.7612



86.8330, -24.0747, -71.7675



75.0350, 6.8847, -14.9397



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.



78.2750, 29.4444, -64.2622



98.4770, 39.6978, -86.3643



39.5330, 48.5442, -30.2854



65.7330, 1.6106, -3.2738



73.2750, 29.4444, -64.2622



2.9180, 1.0264, -2.5591

Inverse Universe

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



56.0530, 23.6379, 71.8675



68.6830, 31.7083, 96.7480



103.4670, -48.5442, 30.2854



64.6630, 1.1521, 3.8035



51.0530, 23.6379, 71.8675



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 78.2750, 29.4444, -64.2622 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 78.2750, 29.4444, -64.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

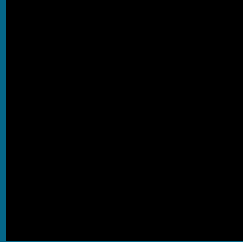
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.2750, 29.4444, -64.2622

Background



This preview shows how black text looks on a background with the YUV color 78.2750, 29.4444, -64.2622.



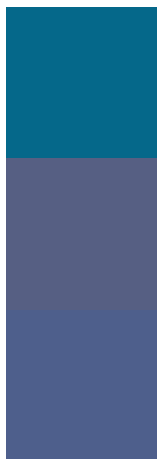
This preview shows how white text looks on a background with the YUV color 78.2750, 29.4444,

-64.2622.

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

78.2750, 29.4444, -64.2622

Protanopia

96.4130, 17.0514, -9.1322

Deuteranopia

95.0470, 22.1618, -14.9502



Tritanopia

75.9190, 19.2669, -66.5810

Trichromacy



Original Color

78.2750, 29.4444, -64.2622

Protanomaly

89.8450, 21.7684, -28.8051

Deuteranomaly

88.6210, 24.8368, -32.9936

Tritanomaly

76.8420, 22.7559, -65.6364

Monochromacy



Original Color

78.2750, 29.4444, -64.2622

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7180, 10.9850, -23.4317

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.2750, 29.4444, -64.2622 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(5, 104, 138)` looks like.

```
.text, #text, p{  
    color:rgb(5, 104, 138)  
}
```

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(5, 104, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 104, 138) }
```

Border

The CSS property to change the border of an element to YUV 78.2750, 29.4444, -64.2622 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(5, 104, 138) }
```


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

```
.border{ border-color:rgb(5, 104, 138) }
```

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

Here you see how a box with a 4 pixel rgb(5, 104, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 104, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 104, 138);  
box-shadow:4px 4px 4px 4px rgb(5, 104,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 78.2750, 29.4444, -64.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 104, 138) }
```

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

```
.background{ background-color: rgb(5, 104,  
138) }
```

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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