

# Converting Colors

YUV(75.3200, 24.4922,  
-62.5476)

Have a look what the booklet for  
YUV(75.3200, 24.4922, -62.5476)  
contains.

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# Color

**YUV(75.3200, 24.4922,  
-62.5476)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	04667D
RGB	4, 102, 125
RGB Percent	2%, 40%, 49%
CMY	0.9843, 0.6000, 0.5098
CMYK	0.97, 0.18, 0.00, 0.51
HSL	191°, 94%, 25%
HSV	191°, 97%, 49%
XYZ	8.5031, 11.0092, 21.0789
YIQ	75.3200, -65.7910, -13.6230

# Conversions

## Conversions Part 2

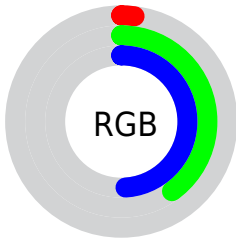
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 58, 125
Decimal	288381
CIE <sub>Lab</sub>	39.60, -16.01, -19.84
CIE <sub>LCh</sub>	40, 25.499, 231.093
Yxy	11.0092, 0.2095, 0.2712
Android (android.graphics.Color)	4278478461 (0xFF04667D)
YUV	75.3200, 24.4922, -62.5476
Hunter-Lab	33.1801, -12.3209, -14.4400

# Details

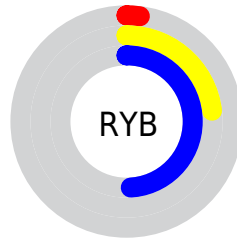
The YUV color **75.3200, 24.4922, -62.5476** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **53.6800, -24.4922, 62.5476**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7240, 21.8281, -47.9929**, and **40.9490, 17.2801, -35.9123** is the 20% darker color. If you saturate the color by 10%, you get **73.5370, 25.3713, -64.4919**, and if you desaturate by 10%, it is **80.3810, 21.9972, -55.5851**.

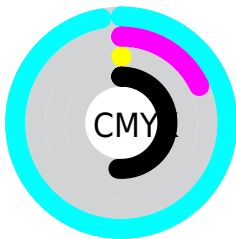
# Distribution



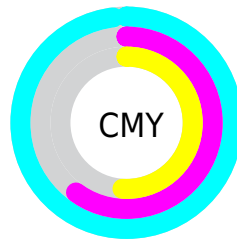
- Red (2%)
- Green (40%)
- Blue (49%)



- Red (2%)
- Yellow (23%)
- Blue (49%)



- Cyan (97%)
- Magenta (18%)
- Yellow (0%)
- Black (51%)



- Cyan (98%)
- Magenta (60%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 75.3200, 24.4922, -62.5476 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 75.3200, 24.4922, -62.5476 by changing the saturation by 10% instead.



■ 75.3200, 24.4922,  
-62.5476

■ 75.3200, 24.4922,  
-62.5476

■ 255.0000, 0.0000,  
0.0000

■ 57.1860, 21.1073,  
-50.1521

■ 133.7240, 21.8281,  
-47.9929

■ 40.9490, 17.2801,  
-35.9123

■ 161.0230, 21.6807,  
-47.3782

■ 26.0000, 13.3110,  
-22.8020

■ 189.0230, 21.6807,  
-47.3782

■ 4.8220, 13.3988,  
-4.2289

■ 216.3390, 19.0599,  
-46.7783

■ 0.5700, 2.1840,  
-0.4999

■ 236.1630, 9.2866,  
-38.7310

■ 0.0000, 0.0000,  
0.0000

■ 244.8340, 5.0118,

-20.9024

253.8040, 0.5896,  
-2.4591

75.3200, 24.4922,  
-62.5476

75.3200, 24.4922,  
-62.5476

73.5370, 25.3713,  
-64.4919

80.3810, 21.9972,  
-55.5851

85.7300, 19.3601,  
-49.7522

90.7910, 16.8650,  
-42.7897

96.1400, 14.2280,  
-36.9568

101.2010, 11.7329,  
-29.9943

■ 105.9630, 9.3852,  
-23.6466

■ 111.6110, 6.6008,  
-17.1988

■ 116.3730, 4.2531,  
-10.8511

■ 121.4340, 1.7580,  
-3.8886

# Harmonies

## Analogous

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



73.3600, 17.0775, -64.3367



75.3200, 24.4922, -62.5476



87.4640, 22.9422, -31.9789

# Triad

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



75.3200, 24.4922, -62.5476



95.7570, 2.0918, 29.1541



90.6030, -18.0453, 1.2252

# Complementary

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



75.3200, 24.4922, -62.5476



53.6800, -24.4922, 62.5476

# 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.



92.2460, -19.8413, 17.3243



75.3200, 24.4922, -62.5476



94.8580, -7.8180, 34.3275

# Square

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



75.3200, 24.4922, -62.5476



96.1880, 11.7393, 14.7441



93.7620, -15.6587, 29.1497



87.1430, -10.4235, -16.7884



# Rectangle

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



75.3200, 24.4922, -62.5476



92.2920, 20.5620, -15.1651



93.7620, -15.6587, 29.1497



91.2940, -19.3719, 6.7582

# Sweetspot

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



75.3200, 24.4922, -62.5476



143.6640, 9.5326, -24.2613



77.5350, -25.4068, -64.4902



69.8070, 6.0111, -14.7397



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



75.3200, 24.4922, -62.5476



96.0660, 32.9985, -84.2499



40.1000, 41.8557, -31.6597



61.3200, 1.3212, -3.7886



75.0530, 26.1029, -65.8215



0.0000, 0.0000, 0.0000



# Inverse Universe

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



51.3510, 24.9700, 64.5902



63.7850, 33.6300, 87.0116



88.9000, -41.8557, 31.6597



59.7770, 1.5889, 3.7036



50.0140, 26.1221, 68.3937



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 75.3200, 24.4922, -62.5476 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 75.3200, 24.4922, -62.5476 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

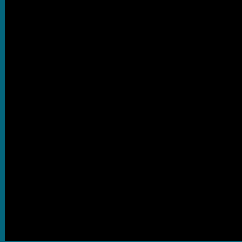
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 75.3200, 24.4922, -62.5476

## Background



This preview shows how black text looks on a background with the YUV color 75.3200, 24.4922, -62.5476.



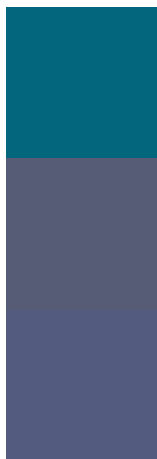
This preview shows how white text looks on a background with the YUV color 75.3200, 24.4922,



# 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

75.3200, 24.4922, -62.5476

### Protanopia

93.4690, 12.0938, -5.6733

### Deuteranopia

93.2990, 16.6146, -9.0322



## Tritanopia

73.8160, 18.8247, -64.7366

# Trichromacy



## Original Color

75.3200, 24.4922, -62.5476

## Protanomaly

87.1890, 16.6688, -26.4758

## Deuteranomaly

86.8620, 19.2950, -28.8200

## Tritanomaly

74.0980, 21.1507, -64.1069

# Monochromacy



## Original Color

75.3200, 24.4922, -62.5476

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

75.1480, 8.8010, -22.9318

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.3200, 24.4922, -62.5476 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, 102, 125)` looks like.

```
.text, #text, p{  
    color:rgb(4, 102, 125)  
}
```

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, 102, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 102, 125) }
```

## Border

The CSS property to change the border of an element to YUV 75.3200, 24.4922, -62.5476 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, 102, 125) }
```



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

```
.border{ border-color:rgb(4, 102, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 102, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 102, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 102, 125);  
box-shadow:4px 4px 4px 4px rgb(4, 102,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 75.3200, 24.4922, -62.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 102, 125) }
```

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

```
.background{ background-color: rgb(4, 102,  
125) }
```

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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