

# Converting Colors

YUV(62.5840, 4.1491, -24.1912)

Have a look what the booklet for  
YUV(62.5840, 4.1491, -24.1912)  
contains.

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# Color

**YUV(62.5840, 4.1491,  
-24.1912)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	234B47
RGB	35, 75, 71
RGB Percent	14%, 29%, 28%
CMY	0.8627, 0.7059, 0.7216
CMYK	0.53, 0.00, 0.05, 0.71
HSL	174°, 36%, 22%
HSV	174°, 53%, 29%
XYZ	4.3465, 5.8444, 6.8602
YIQ	62.5840, -22.5560, -9.7240

# Conversions

## Conversions Part 2

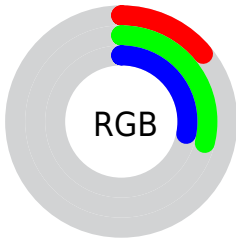
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 56, 75
Decimal	2313031
CIE <sub>Lab</sub>	29.02, -15.23, -1.97
CIE <sub>LCh</sub>	29, 15.361, 187.364
Yxy	5.8444, 0.2549, 0.3428
Android (android.graphics.Color)	4280503111 (0xFF234B47)
YUV	62.5840, 4.1491, -24.1912
Hunter-Lab	24.1752, -10.2135, 0.0979

# Details

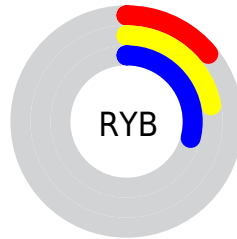
The YUV color **62.5840, 4.1491, -24.1912** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.4160, -4.1491, 24.1912**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.1710, 3.8597, -24.7060**, and **21.3890, 3.2592, -18.7582** is the 20% darker color. If you saturate the color by 10%, you get **60.3770, 4.7441, -28.3946**, and if you desaturate by 10%, it is **65.0900, 3.4066, -19.3729**.

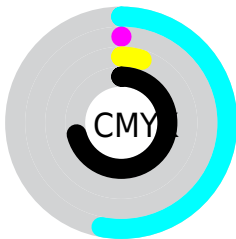
# Distribution



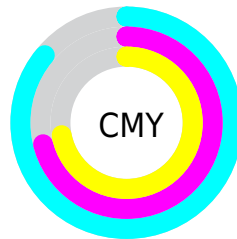
- Red (14%)
- Green (29%)
- Blue (28%)



- Red (14%)
- Yellow (22%)
- Blue (29%)



- Cyan (53%)
- Magenta (0%)
- Yellow (5%)
- Black (71%)



- Cyan (86%)
- Magenta (71%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.5840, 4.1491, -24.1912 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 62.5840, 4.1491, -24.1912 by changing the saturation by 10% instead.



■ 62.5840, 4.1491,  
-24.1912

■ 62.5840, 4.1491,  
-24.1912

■ 255.0000, 0.0000,  
0.0000

■ 38.8010, 5.0281,  
-26.1355

■ 111.1710, 3.8597,  
-24.7060

■ 21.3890, 3.2592,  
-18.7582

■ 136.8720, 4.0071,  
-25.3207

■ 0.1140, 0.4368,  
-0.1000

■ 163.4590, 3.7177,  
-25.8355

■ 0.0000, 0.0000,  
0.0000

■ 190.5730, 4.1545,  
-25.9355

■ 218.2740, 4.3019,  
-26.5503

■ 243.6380, 5.6015,

-23.3615

252.0100, 1.4741,  
-6.1478

62.5840, 4.1491,  
-24.1912

62.5840, 4.1491,  
-24.1912

60.3770, 4.7441,  
-28.3946

65.0900, 3.4066,  
-19.3729

57.9850, 5.9234,  
-33.3128

67.2970, 2.8116,  
-15.1695

55.4790, 6.6659,  
-38.1311

69.6890, 1.6323,  
-10.2513

53.2720, 7.2609,  
-42.3345

71.8960, 1.0373,  
-6.0478

51.7770, 7.9979,  
-45.4084

74.4020, 0.2948,  
-1.2296

■ 76.6090, -0.3002,  
2.9739

■ 78.7020, -1.3321,  
7.2773

■ 81.2080, -2.0745,  
12.0956

■ 83.7140, -2.8170,  
16.9138

# Harmonies

## Analogous

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



64.2170, -2.5720, -15.0993



62.5840, 4.1491, -24.1912



62.0550, 9.8329, -27.2352

# Triad

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



62.5840, 4.1491, -24.1912



69.6120, 8.5723, 3.8483



68.9280, -10.8105, 14.0951

# Complementary

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



62.5840, 4.1491, -24.1912



47.4160, -4.1491, 24.1912

# 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.



69.2860, -7.0430, 19.0432



62.5840, 4.1491, -24.1912



70.4130, 3.7404, 13.6698

# Square

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



62.5840, 4.1491, -24.1912



68.0340, 11.8152, -9.6768



70.2520, -2.0962, 19.0730



67.7590, -11.2202, 5.4734



# Rectangle

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



62.5840, 4.1491, -24.1912



63.6470, 12.0060, -24.2464



70.2520, -2.0962, 19.0730



68.5800, -9.6529, 16.1543

# Sweetspot

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



62.5840, 4.1491, -24.1912



91.9880, 1.4849, -9.6365



59.6760, -12.1653, -18.1329



45.3090, 1.3267, -5.5330



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000



# Same Dimension

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



62.5840, 4.1491, -24.1912



77.7780, 6.5184, -37.5163



53.6480, 10.5265, -16.3543



36.8040, 0.5896, -2.4591



70.3620, 10.6675, -61.7075



158.6080, 23.8573, -139.0992



# Inverse Universe

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



47.4160, -4.1491, 24.1912



54.2220, -6.5184, 37.5163



56.3520, -10.5265, 16.3543



35.3100, -0.1528, 2.3591



31.6380, -10.6675, 61.7075



71.3920, -23.8573, 139.0992



# Previews

## White Background



This preview shows how the YUV color 62.5840, 4.1491, -24.1912 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 ✓ Pass



# Black Background



This preview shows how the YUV color 62.5840, 4.1491, -24.1912 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

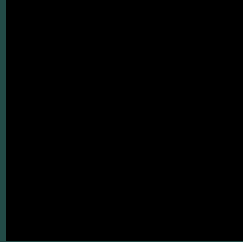
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

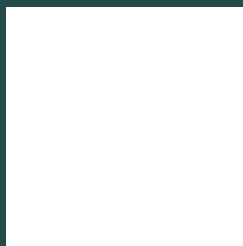
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 62.5840, 4.1491, -24.1912

## Background



This preview shows how black text looks on a background with the YUV color 62.5840, 4.1491, -24.1912.



This preview shows how white text looks on a background with the YUV color 62.5840, 4.1491, -24.1912.



# 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

62.5840, 4.1491, -24.1912

### Protanopia

68.4840, -0.7316, 1.3295

### Deuteranopia

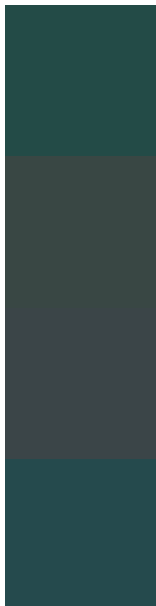
68.8910, 2.0257, 3.6036



## Tritanopia

63.9200, 7.9274, -22.7318

# Trichromacy



## Original Color

62.5840, 4.1491, -24.1912

## Protanomaly

66.4720, 0.7533, -8.3069

## Deuteranomaly

66.3520, 2.7845, -6.4477

## Tritanomaly

63.2790, 6.7645, -23.0467

# Monochromacy



## Original Color

62.5840, 4.1491, -24.1912

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

62.7000, 1.6269, -8.5069

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.5840, 4.1491, -24.1912 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(35, 75, 71)` looks like.

```
.text, #text, p{  
    color:rgb(35, 75, 71)  
}
```

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(35, 75, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 75, 71) }
```

## Border

The CSS property to change the border of an element to YUV 62.5840, 4.1491, -24.1912 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(35, 75, 71) }
```



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

```
.border{ border-color:rgb(35, 75, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 75, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 75, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 75, 71);  
box-shadow:4px 4px 4px 4px rgb(35, 75, 71)  
}
```

# Background

The CSS property to change the background color of an element to YUV 62.5840, 4.1491, -24.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 75, 71) }
```

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

```
.background{ background-color: rgb(35, 75,  
71) }
```

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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