

# Converting Colors

YUV(59.2250, 5.3121, -23.8763)

Have a look what the booklet for  
YUV(59.2250, 5.3121, -23.8763)  
contains.

|  |    |
|--|----|
| <b>YUV(59.2250, 5.3121, -23.8763)</b> .....    | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 12 |
| <b><i>Previews</i></b> .....                   | 24 |
| <b><i>Color Blindness Simulation</i></b> ..... | 28 |
| <b><i>CSS Examples</i></b> .....               | 31 |

# Color

**YUV(59.2250, 5.3121,  
-23.8763)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 204746                     |
| RGB         | 32, 71, 70                 |
| RGB Percent | 13%, 28%, 27%              |
| CMY         | 0.8745, 0.7216, 0.7255     |
| CMYK        | 0.55, 0.00, 0.01, 0.72     |
| HSL         | 178°, 38%, 20%             |
| HSV         | 178°, 55%, 28%             |
| XYZ         | 3.9544, 5.2557, 6.6004     |
| YIQ         | 59.2250, -22.9230, -8.5790 |

# Conversions

## Conversions Part 2

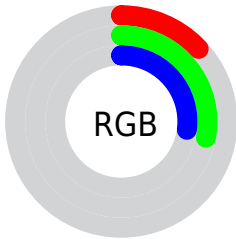
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 32, 52, 71                   |
| Decimal                             | 2115398                      |
| CIE Lab                             | 27.45, -14.04, -3.65         |
| CIE LCh                             | 27, 14.503, 194.576          |
| Yxy                                 | 5.2557, 0.2501,<br>0.3324    |
| Android<br>(android.graphics.Color) | 4280305478<br>(0xFF204746)   |
| YUV                                 | 59.2250, 5.3121,<br>-23.8763 |
| Hunter-Lab                          | 22.9254, -9.3301,<br>-1.0222 |

# Details

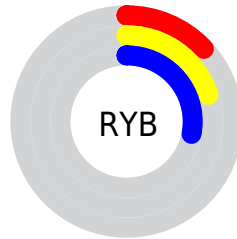
The YUV color **59.2250, 5.3121, -23.8763** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **43.7750, -5.3121, 23.8763**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8120, 5.0227, -24.3911**, and **19.5140, 3.6906, -17.1138** is the 20% darker color. If you saturate the color by 10%, you get **57.1320, 6.3439, -28.1798**, and if you desaturate by 10%, it is **61.3180, 4.2802, -19.5729**.

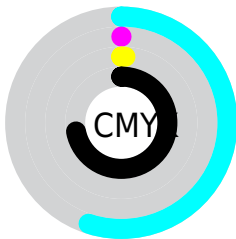
# Distribution



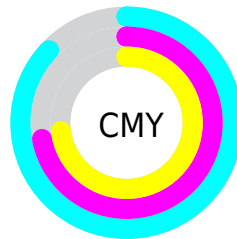
- Red (13%)
- Green (28%)
- Blue (27%)



- Red (13%)
- Yellow (20%)
- Blue (28%)



- Cyan (55%)
- Magenta (0%)
- Yellow (1%)
- Black (72%)



- Cyan (87%)
- Magenta (72%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 59.2250, 5.3121, -23.8763 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 59.2250, 5.3121, -23.8763 by changing the saturation by 10% instead.



■ 59.2250, 5.3121,  
-23.8763

■ 59.2250, 5.3121,  
-23.8763

■ 255.0000, 0.0000,  
0.0000

■ 35.4420, 6.1911,  
-25.8206

■ 107.8120, 5.0227,  
-24.3911

■ 19.5140, 3.6906,  
-17.1138

■ 132.9260, 5.4595,  
-24.4911

■ 0.0000, 0.0000,  
0.0000

■ 159.5130, 5.1701,  
-25.0059

■ 186.6270, 5.6069,  
-25.1059

■ 214.3280, 5.7543,  
-25.7207

■ 242.3280, 5.7543,

-25.7207

251.1130, 1.9163,  
-7.9921

59.2250, 5.3121,  
-23.8763

59.2250, 5.3121,  
-23.8763

57.1320, 6.3439,  
-28.1798

61.3180, 4.2802,  
-19.5729

55.0390, 7.3758,  
-32.4832

63.4110, 3.2484,  
-15.2694

52.8320, 7.9708,  
-36.6867

65.6180, 2.6533,  
-11.0660

50.7390, 9.0027,  
-40.9901

67.7110, 1.6215,  
-6.7625

49.5430, 9.5923,  
-43.4492

70.1030, 0.4422,  
-1.8443

■ 72.1960, -0.5896,  
2.4591

■ 74.2890, -1.6215,  
6.7625

■ 76.3820, -2.6533,  
11.0660

■ 78.5890, -3.2484,  
15.2694

# Harmonies

## Analogous

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



60.9610, -0.9668, -16.6288



59.2250, 5.3121, -23.8763



59.4790, 10.1169, -24.9761

# Triad

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



59.2250, 5.3121, -23.8763



66.2810, 7.2565, 5.8926



64.7320, -10.2209, 11.6360

# Complementary

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



59.2250, 5.3121, -23.8763



43.7750, -5.3121, 23.8763

# 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.



65.7480, -7.7638, 16.8840



59.2250, 5.3121, -23.8763



66.3700, 2.2826, 14.5845

# Square

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



59.2250, 5.3121, -23.8763



64.7140, 10.4940, -5.8882



66.3120, -3.1118, 18.1434



63.6770, -10.1938, 2.9143



# Rectangle

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



59.2250, 5.3121, -23.8763



61.5550, 11.5584, -20.6577



66.3120, -3.1118, 18.1434



65.1560, -9.9369, 13.8952

# Sweetspot

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



59.2250, 5.3121, -23.8763



87.4010, 1.7743, -9.1217



55.1920, -11.4337, -19.4624



43.3090, 1.3267, -5.5330



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000



# Same Dimension

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



59.2250, 5.3121, -23.8763



73.5330, 8.1182, -37.3014



48.7730, 10.9579, -14.7099



34.8040, 0.5896, -2.4591



69.1710, 13.7197, -60.6630



158.4430, 30.8406, -138.9545



# Inverse Universe

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



43.7750, -5.3121, 23.8763



49.4670, -8.1182, 37.3014



54.2270, -10.9579, 14.7099



33.1960, -0.5896, 2.4591



29.9430, -13.2829, 60.5630



68.5570, -30.8406, 138.9545



# Previews

## White Background



This preview shows how the YUV color 59.2250, 5.3121, -23.8763 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 59.2250, 5.3121, -23.8763 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

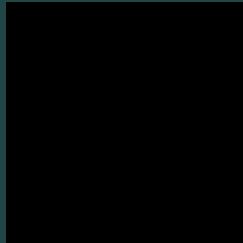
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 59.2250, 5.3121, -23.8763

## Background



This preview shows how black text looks on a background with the YUV color 59.2250, 5.3121, -23.8763.



This preview shows how white text looks on a background with the YUV color 59.2250, 5.3121, -23.8763.

-23.8763.

# 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

59.2250, 5.3121, -23.8763

### Protanopia

64.5270, 0.7262, 0.4148

### Deuteranopia

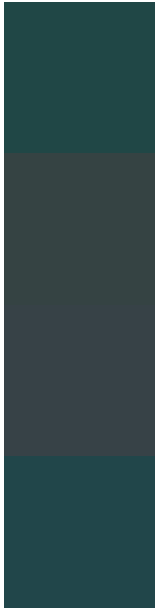
65.5210, 3.1941, 2.1741



## Tritanopia

59.9200, 7.9274, -22.7318

# Trichromacy



## Original Color

59.2250, 5.3121, -23.8763

## Protanomaly

62.8140, 2.0637, -8.6069

## Deuteranomaly

63.2810, 3.8055, -7.2624

## Tritanomaly

59.3930, 7.2013, -23.1467

# Monochromacy



## Original Color

59.2250, 5.3121, -23.8763

## Achromatopsia

59.0000, 0.0000, 0.0000

## Achromatomaly

58.8140, 2.0637, -8.6069

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 59.2250, 5.3121, -23.8763 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(32, 71, 70)` looks like.

```
.text, #text, p{  
    color:rgb(32, 71, 70)  
}
```

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(32, 71, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 71, 70) }
```

## Border

The CSS property to change the border of an element to YUV 59.2250, 5.3121, -23.8763 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(32, 71, 70) }
```



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

```
.border{ border-color:rgb(32, 71, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 71, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 71, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 71, 70);  
box-shadow:4px 4px 4px 4px rgb(32, 71, 70)  
}
```

# Background

The CSS property to change the background color of an element to YUV 59.2250, 5.3121, -23.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 71, 70) }
```

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

```
.background{ background-color: rgb(32, 71,  
70) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor