

Converting Colors

YUV(62.6920, 10.5048, -9.3769)

Have a look what the booklet for
YUV(62.6920, 10.5048, -9.3769)
contains.

YUV(62.6920, 10.5048, -9.3769)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(62.6920, 10.5048,
-9.3769)**

Conversions

Conversions Part 1

Format	Color
Hex	344054
RGB	52, 64, 84
RGB Percent	20%, 25%, 33%
CMY	0.7961, 0.7490, 0.6706
CMYK	0.38, 0.24, 0.00, 0.67
HSL	218°, 24%, 27%
HSV	218°, 38%, 33%
XYZ	4.8498, 5.0369, 9.1041
YIQ	62.6920, -13.5720, 3.6760

Conversions

Conversions Part 2

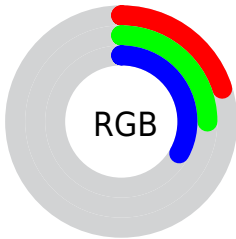
Format	Color
R_{YB}	52, 61, 84
Decimal	3424340
CIE Lab	26.84, 0.80, -13.59
CIE LCh	27, 13.618, 273.359
Yxy	5.0369, 0.2554, 0.2652
Android (android.graphics.Color)	4281614420 (0xFF344054)
YUV	62.6920, 10.5048, -9.3769
Hunter-Lab	22.4431, -0.7029, -8.3409

Details

The YUV color **62.6920, 10.5048, -9.3769** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **73.3080, -10.5048, 9.3769**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9200, 11.3784, -9.5768**, and **19.4530, 9.6367, -10.9213** is the 20% darker color. If you saturate the color by 10%, you get **57.3650, 13.1311, -11.7211**, and if you desaturate by 10%, it is **68.0190, 7.8786, -7.0327**.

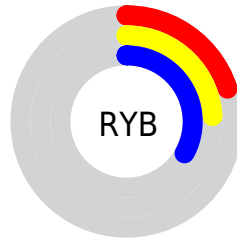
Distribution



 Red (20%)

 Green (25%)

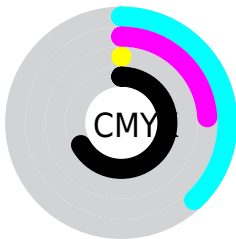
 Blue (33%)



 Red (20%)

 Yellow (24%)

 Blue (33%)

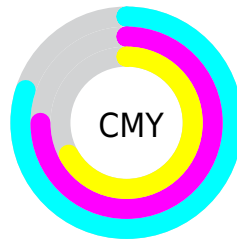


 Cyan (38%)

 Magenta (24%)

 Yellow (0%)

 Black (67%)



 Cyan (80%)

 Magenta (75%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.6920, 10.5048, -9.3769 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 62.6920, 10.5048, -9.3769 by changing the saturation by 10% instead.

■ 62.6920, 10.5048,
-9.3769

■ 62.6920, 10.5048,
-9.3769

■ 255.0000, 0.0000,
0.0000

■ 40.5780, 10.0680,
-9.2769

■ 110.9200, 11.3784,
-9.5768

■ 19.4530, 9.6367,
-10.9213

■ 136.0340, 11.8152,
-9.6768

■ 2.6390, 7.5730,
-2.3144

■ 162.1480, 12.2520,
-9.7768

■ 0.0000, 0.0000,
0.0000

■ 189.2620, 12.6888,
-9.8768

■ 217.2620, 12.6888,
-9.8768

■ 243.4380, 5.7001,

-8.2771

■ 62.6920, 10.5048,
-9.3769

■ 62.6920, 10.5048,
-9.3769

■ 57.3650, 13.1311,
-11.7211

■ 68.0190, 7.8786,
-7.0327

■ 51.1520, 16.1941,
-14.1653

■ 73.6450, 5.1050,
-4.0737

■ 45.8250, 18.8203,
-16.5095

■ 79.5590, 2.1894,
-2.2442

■ 40.1990, 21.5939,
-19.4685

■ 85.1850, -0.5842,
0.7148

■ 34.8720, 24.2201,
-21.8127

■ 90.5120, -3.2104,
3.0590

■ 28.9580, 27.1357,
-23.6422

■ 95.8390, -5.8366,
5.4032

■ 27.7730, 27.7199,
-24.3569

■ 102.0520, -8.8996,
7.8474

■ 107.3790,
-11.5258, 10.1916

■ 113.0050,
-14.2995, 13.1506

Harmonies

Analogous

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



60.0390, 10.8268, -19.3282



62.6920, 10.5048, -9.3769



64.4870, 8.1409, 2.2039

Triad

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



62.6920, 10.5048, -9.3769



64.6170, -5.7272, 16.9989



60.1250, -3.0196, -11.5106

Complementary

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



62.6920, 10.5048, -9.3769



73.3080, -10.5048, 9.3769

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.



61.6270, -7.7041, -2.3039



62.6920, 10.5048, -9.3769



63.9710, -9.3527, 13.1804

Square

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



62.6920, 10.5048, -9.3769



65.1700, -1.0698, 16.5139



62.8130, -9.7678, 6.3030



58.5630, 2.6804, -19.7878

Rectangle

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



62.6920, 10.5048, -9.3769



65.1350, 5.3564, 8.6516



62.8130, -9.7678, 6.3030



60.6800, -4.7722, -9.3664

Sweetspot

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



62.6920, 10.5048, -9.3769



101.7160, 4.0840, -3.2589



73.0640, -0.5246, -18.4731



51.5590, 2.1894, -2.2442



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



62.6920, 10.5048, -9.3769



75.9670, 16.7783, -14.8801



56.8440, 13.3879, -0.7402



38.0430, 1.4578, -0.9147



34.8630, 34.5775, -30.5749



77.5170, 76.1601, -67.9824

Inverse Universe

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



62.9360, 0.5246, 18.4731



76.4150, 0.7814, 29.4540



79.1560, -13.3879, 0.7402



38.3100, -0.1528, 2.3591



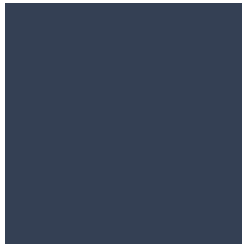
35.8410, 1.5574, 60.6524



79.2860, 3.8030, 133.9302

Previews

White Background



This preview shows how the YUV color 62.6920, 10.5048, -9.3769 looks on a white background.

Color Contrast Check

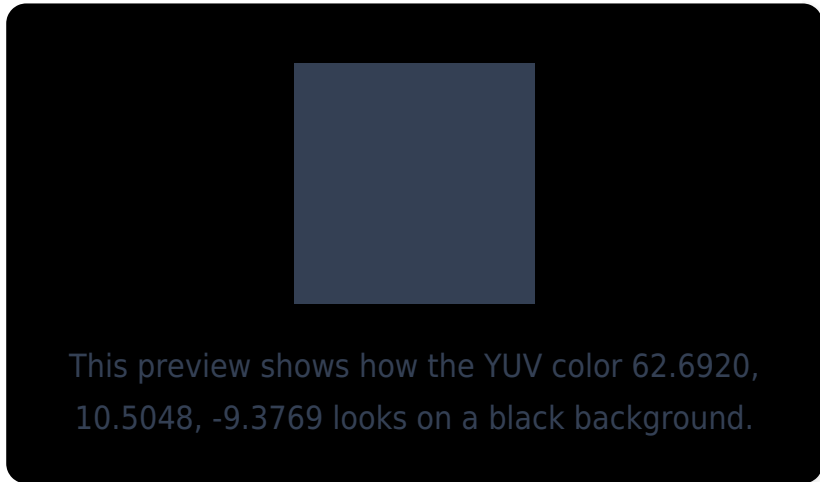
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

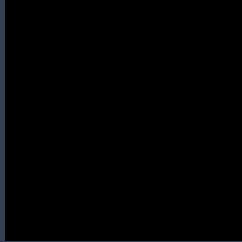
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

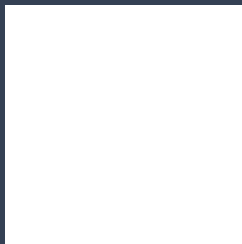
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 62.6920, 10.5048, -9.3769

Background



This preview shows how black text looks on a background with the YUV color 62.6920, 10.5048, -9.3769.



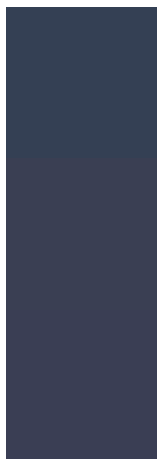
This preview shows how white text looks on a background with the YUV color 62.6920, 10.5048,

-9.3769.

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

62.6920, 10.5048, -9.3769

Protanopia

63.7850, 9.4730, -5.0734

Deuteranopia

63.3120, 10.1992, -4.6586



Tritanopia

61.6010, 5.1267, -11.0511

Trichromacy



Original Color

62.6920, 10.5048, -9.3769

Protanomaly

63.1870, 9.7678, -6.3030

Deuteranomaly

63.3010, 10.2046, -6.4030

Tritanomaly

61.7690, 7.0159, -10.3214

Monochromacy



Original Color

62.6920, 10.5048, -9.3769

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7160, 4.0840, -3.2589

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.6920, 10.5048, -9.3769 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(52, 64, 84)` looks like.

```
.text, #text, p{  
    color:rgb(52, 64, 84)  
}
```

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(52, 64, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 64, 84) }
```

Border

The CSS property to change the border of an element to YUV 62.6920, 10.5048, -9.3769 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(52, 64, 84) }
```


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

```
.border{ border-color:rgb(52, 64, 84) }
```

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

Here you see how a box with a 4 pixel rgb(52, 64, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 64, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 64, 84);  
box-shadow:4px 4px 4px 4px rgb(52, 64, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.6920, 10.5048, -9.3769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 64, 84) }
```

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

```
.background{ background-color: rgb(52, 64,  
84) }
```

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