

# Converting Colors

YUV(76.5180, 7.6326, -21.5023)

Have a look what the booklet for  
YUV(76.5180, 7.6326, -21.5023)  
contains.

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# Color

**YUV(76.5180, 7.6326,  
-21.5023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34565C
RGB	52, 86, 92
RGB Percent	20%, 34%, 36%
CMY	0.7961, 0.6627, 0.6392
CMYK	0.43, 0.07, 0.00, 0.64
HSL	189°, 28%, 28%
HSV	189°, 43%, 36%
XYZ	6.6757, 8.1583, 11.3481
YIQ	76.5180, -22.1900, -5.3420

# Conversions

## Conversions Part 2

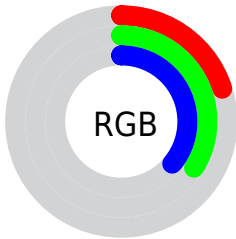
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 70, 92
Decimal	3429980
CIE Lab	34.31, -10.56, -7.38
CIE LCh	34, 12.882, 214.942
Yxy	8.1583, 0.2550, 0.3116
Android (android.graphics.Color)	4281620060 (0xFF34565C)
YUV	76.5180, 7.6326, -21.5023
Hunter-Lab	28.5628, -8.2658, -3.5621

# Details

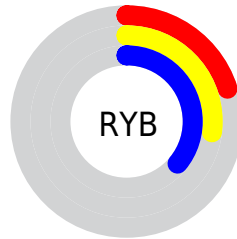
The YUV color **76.5180, 7.6326, -21.5023** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67.4820, -7.6326, 21.5023**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.2190, 7.7800, -22.1171**, and **30.2080, 7.7855, -23.8614** is the 20% darker color. If you saturate the color by 10%, you get **73.2400, 9.2487, -26.5205**, and if you desaturate by 10%, it is **79.7960, 6.0166, -16.4841**.

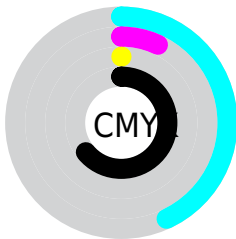
# Distribution



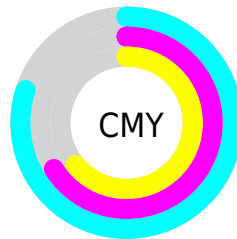
- Red (20%)
- Green (34%)
- Blue (36%)



- Red (20%)
- Yellow (27%)
- Blue (36%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (64%)



- Cyan (80%)
- Magenta (66%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 76.5180, 7.6326, -21.5023 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 76.5180, 7.6326, -21.5023 by changing the saturation by 10% instead.



76.5180, 7.6326,  
-21.5023

76.5180, 7.6326,  
-21.5023

255.0000, 0.0000,  
0.0000

53.1050, 7.3432,  
-22.0171

126.2190, 7.7800,  
-22.1171

30.2080, 7.7855,  
-23.8614

152.3330, 8.2168,  
-22.2170

15.2910, 5.2795,  
-13.4102

179.0340, 8.3642,  
-22.8318

0.0000, 0.0000,  
0.0000

206.7350, 8.5116,  
-23.4466

234.7350, 8.5116,  
-23.4466

249.6180, 2.6533,

-11.0660

■ 76.5180, 7.6326,  
-21.5023

■ 76.5180, 7.6326,  
-21.5023

■ 73.2400, 9.2487,  
-26.5205

■ 79.7960, 6.0166,  
-16.4841

■ 69.3750, 11.1541,  
-31.0239

■ 83.6610, 4.1111,  
-11.9807

■ 65.7980, 12.9176,  
-36.6568

■ 87.2380, 2.3477,  
-6.3477

■ 61.9330, 14.8230,  
-41.1602

■ 91.1030, 0.4422,  
-1.8443

■ 58.6550, 16.4391,  
-46.1784

■ 94.3810, -1.1738,  
3.1739

■ 56.2740, 17.6129,  
-49.3523

■ 97.6590, -2.7899,  
8.1921

■ 101.5240, -4.6953,  
12.6955

■ 105.1010, -6.4588,  
18.3284

■ 108.3790, -8.0748,  
23.3466

# Harmonies

## Analogous

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



76.8620, 2.5330, -19.1730



76.5180, 7.6326, -21.5023



77.9360, 10.3846, -17.4839

# Triad

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



76.5180, 7.6326, -21.5023



82.6900, 3.6038, 10.7959



80.4000, -10.0572, 5.7882

# Complementary

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



76.5180, 7.6326, -21.5023



67.4820, -7.6326, 21.5023

# 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.



80.9710, -9.3527, 13.1804



76.5180, 7.6326, -21.5023



82.0560, -1.5066, 16.6139

# Square

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



76.5180, 7.6326, -21.5023



81.6720, 7.5567, 2.9187



81.5030, -6.1640, 17.0989



79.0290, -7.4093, -3.5334



# Rectangle

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



76.5180, 7.6326, -21.5023



79.3820, 10.6577, -11.7360



81.5030, -6.1640, 17.0989



80.1230, -9.9206, 8.6621

# Sweetspot

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



76.5180, 7.6326, -21.5023



114.0420, 2.9373, -8.8068



76.1640, -8.9549, -21.1918



57.4230, 1.7635, -5.6330



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



76.5180, 7.6326, -21.5023



96.1790, 11.7438, -33.4830



64.7780, 13.4204, -11.2063



43.9180, 1.0264, -2.5591



67.1310, 21.1344, -58.8739



145.5920, 45.0641, -127.6842



# Inverse Universe

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



67.8360, 8.9549, 21.1918



82.5800, 14.0111, 32.8173



79.2220, -13.4204, 11.2063



42.9510, 1.0102, 2.6740



43.4920, 24.4074, 58.3275

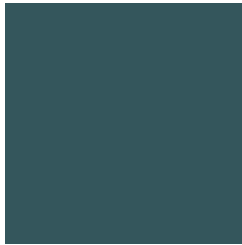


93.8910, 53.2977, 125.5066



# Previews

## White Background



This preview shows how the YUV color 76.5180, 7.6326, -21.5023 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 76.5180, 7.6326, -21.5023 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

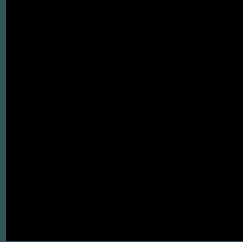
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 76.5180, 7.6326, -21.5023

## Background



This preview shows how black text looks on a background with the YUV color 76.5180, 7.6326, -21.5023.



This preview shows how white text looks on a background with the YUV color 76.5180, 7.6326, -21.5023.

-21.5023.

# 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

76.5180, 7.6326, -21.5023

### Protanopia

80.9120, 3.4944, -0.7998

### Deuteranopia

81.0200, 6.3991, 0.8595



## Tritanopia

76.6320, 8.0694, -21.6023

# Trichromacy



## Original Color

76.5180, 7.6326, -21.5023

## Protanomaly

79.2100, 4.8265, -8.0772

## Deuteranomaly

79.3780, 6.7156, -7.3475

## Tritanomaly

76.6320, 8.0694, -21.6023

# Monochromacy



## Original Color

76.5180, 7.6326, -21.5023

## Achromatopsia

77.0000, 0.0000, 0.0000

## Achromatomaly

76.6400, 2.6425, -7.5773

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 76.5180, 7.6326, -21.5023 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, 86, 92)` looks like.

```
.text, #text, p{  
  color:rgb(52, 86, 92)  
}
```

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, 86, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 86, 92) }
```

## Border

The CSS property to change the border of an element to YUV 76.5180, 7.6326, -21.5023 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, 86, 92) }
```



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

```
.border{ border-color:rgb(52, 86, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 86, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 86, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 86, 92);  
box-shadow:4px 4px 4px 4px rgb(52, 86, 92)  
}
```

# Background

The CSS property to change the background color of an element to YUV 76.5180, 7.6326, -21.5023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 86, 92) }
```

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

```
.background{ background-color: rgb(52, 86,  
92) }
```

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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