

Converting Colors

YUV(76.0790, 3.4121, -21.1173)

Have a look what the booklet for
YUV(76.0790, 3.4121, -21.1173)
contains.

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Color

**YUV(76.0790, 3.4121,
-21.1173)**

Conversions

Conversions Part 1

Format	Color
Hex	345753
RGB	52, 87, 83
RGB Percent	20%, 34%, 33%
CMY	0.7961, 0.6588, 0.6745
CMYK	0.40, 0.00, 0.05, 0.66
HSL	173°, 25%, 27%
HSV	173°, 40%, 34%
XYZ	6.3857, 8.1710, 9.4242
YIQ	76.0790, -19.5760, -8.6640

Conversions

Conversions Part 2

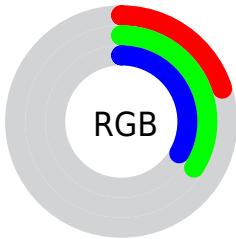
Format	Color
RYB	52, 71, 87
Decimal	3430227
CIELab	34.34, -13.70, -1.68
CIELCh	34, 13.807, 186.998
Yxy	8.1710, 0.2663, 0.3407
Android (android.graphics.Color)	4281620307 (0xFF345753)
YUV	76.0790, 3.4121, -21.1173
Hunter-Lab	28.5849, -10.1478, 0.4621

Details

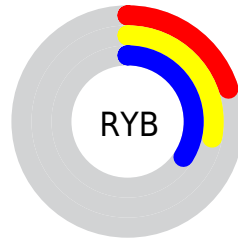
The YUV color **76.0790, 3.4121, -21.1173** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62.9210, -3.4121, 21.1173**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.6660, 3.1227, -21.6321**, and **29.5950, 4.1437, -22.4468** is the 20% darker color. If you saturate the color by 10%, you get **73.2740, 4.3019, -26.5503**, and if you desaturate by 10%, it is **78.8840, 2.5222, -15.6843**.

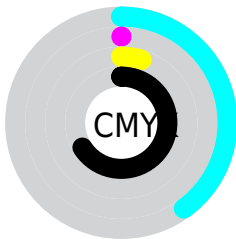
Distribution



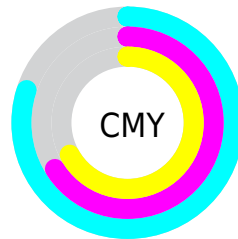
- Red (20%)
- Green (34%)
- Blue (33%)



- Red (20%)
- Yellow (28%)
- Blue (34%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (66%)



- Cyan (80%)
- Magenta (66%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.0790, 3.4121, -21.1173 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 76.0790, 3.4121, -21.1173 by changing the saturation by 10% instead.

■ 76.0790, 3.4121,
-21.1173

■ 76.0790, 3.4121,
-21.1173

■ 255.0000, 0.0000,
0.0000

■ 53.0790, 3.4121,
-21.1173

■ 125.6660, 3.1227,
-21.6321

■ 29.5950, 4.1437,
-22.4468

■ 151.3670, 3.2701,
-22.2469

■ 14.9660, 1.4958,
-13.1252

■ 178.0680, 3.4175,
-22.8616

■ 0.0000, 0.0000,
0.0000

■ 205.7690, 3.5649,
-23.4764

■ 234.3560, 3.2755,
-23.9912

■ 249.3190, 2.8007,

-11.6808

■ 76.0790, 3.4121,
-21.1173

■ 76.0790, 3.4121,
-21.1173

■ 73.2740, 4.3019,
-26.5503

■ 78.8840, 2.5222,
-15.6843

■ 70.7680, 5.0444,
-31.3685

■ 81.3900, 1.7797,
-10.8660

■ 67.9630, 5.9342,
-36.8016

■ 84.1950, 0.8899,
-5.4330

■ 65.1580, 6.8241,
-42.2346

■ 87.0000, 0.0000,
0.0000

■ 62.6520, 7.5666,
-47.0528

■ 89.8050, -0.8899,
5.4330

■ 59.8470, 8.4564,
-52.4858

■ 92.3110, -1.6323,
10.2513

■ 95.1160, -2.5222,
15.6843

■ 97.9210, -3.4121,
21.1173

■ 100.4270, -4.1545,
25.9355

Harmonies

Analogous

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



77.2280, -2.5774, -13.3550



76.0790, 3.4121, -21.1173



75.8490, 8.9484, -23.5466

Triad

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



76.0790, 3.4121, -21.1173



82.0850, 7.8461, 3.4335



80.8570, -9.7895, 13.2804

Complementary

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



76.0790, 3.4121, -21.1173



62.9210, -3.4121, 21.1173

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.



81.6880, -6.7482, 17.8136



76.0790, 3.4121, -21.1173



82.7010, 3.5984, 12.5402

Square

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



76.0790, 3.4121, -21.1173



80.4040, 10.6468, -8.2473



82.6540, -1.8014, 17.8434



79.9870, -10.3466, 5.2734

Rectangle

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



76.0790, 3.4121, -21.1173



77.0280, 10.8322, -21.0726



82.6540, -1.8014, 17.8434



81.3950, -9.0687, 15.4396

Sweetspot

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



76.0790, 3.4121, -21.1173



107.9990, 1.4795, -7.8921



73.7410, -10.7183, -15.5589



53.4940, 0.7425, -4.8182



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.



76.0790, 3.4121, -21.1173



95.1700, 5.3392, -32.5981



68.9040, 8.9213, -14.8248



41.8040, 0.5896, -2.4591



73.6390, 10.5310, -64.5814



161.6570, 22.8471, -141.7732

Inverse Universe

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



62.9210, -3.4121, 21.1173



74.8300, -5.3392, 32.5981



70.0960, -8.9213, 14.8248



40.3100, -0.1528, 2.3591



33.3610, -10.5310, 64.5814



73.3430, -22.8471, 141.7732

Previews

White Background



This preview shows how the YUV color 76.0790, 3.4121, -21.1173 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 76.0790, 3.4121, -21.1173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

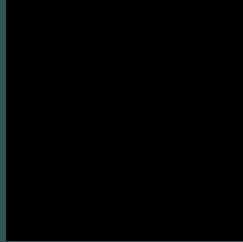
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.0790, 3.4121, -21.1173

Background



This preview shows how black text looks on a background with the YUV color 76.0790, 3.4121, -21.1173.



This preview shows how white text looks on a background with the YUV color 76.0790, 3.4121, -21.1173.

-21.1173.

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

76.0790, 3.4121, -21.1173

Protanopia

80.4840, -0.7316, 1.3295

Deuteranopia

81.1900, 1.8783, 4.2184



Tritanopia

77.4150, 7.1904, -19.6580

Trichromacy



Original Color

76.0790, 3.4121, -21.1173

Protanomaly

79.0700, 0.4585, -7.0774

Deuteranomaly

79.2490, 2.3422, -4.6034

Tritanomaly

76.7740, 6.0274, -19.9728

Monochromacy



Original Color

76.0790, 3.4121, -21.1173

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0790, 3.4121, -21.1173 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, 87, 83)` looks like.

```
.text, #text, p{  
    color:rgb(52, 87, 83)  
}
```

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, 87, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 87, 83) }
```

Border

The CSS property to change the border of an element to YUV 76.0790, 3.4121, -21.1173 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, 87, 83) }
```


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

```
.border{ border-color:rgb(52, 87, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 87, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 87, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 87, 83);  
box-shadow:4px 4px 4px 4px rgb(52, 87, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.0790, 3.4121, -21.1173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 87, 83) }
```

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

```
.background{ background-color: rgb(52, 87,  
83) }
```

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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