

Converting Colors

YUV(153.0790, 3.4121,
-21.1173)

Have a look what the booklet for
YUV(153.0790, 3.4121, -21.1173)
contains.

YUV(153.0790, 3.4121, -21.1173)	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(153.0790, 3.4121,
-21.1173)**

Conversions

Conversions Part 1

Format	Color
Hex	81A4A0
RGB	129, 164, 160
RGB Percent	51%, 64%, 63%
CMY	0.4941, 0.3569, 0.3725
CMYK	0.21, 0.00, 0.02, 0.36
HSL	173°, 16%, 57%
HSV	173°, 21%, 64%
XYZ	28.6739, 33.7561, 38.2620
YIQ	153.0790, -19.5760, -8.6640

Conversions

Conversions Part 2

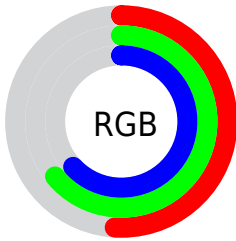
Format	Color
RYB	129, 148, 164
Decimal	8496288
CIELab	64.77, -12.80, -1.88
CIELCh	65, 12.937, 188.348
Yxy	33.7561, 0.2848, 0.3352
Android (android.graphics.Color)	4286686368 (0xFF81A4A0)
YUV	153.0790, 3.4121, -21.1173
Hunter-Lab	58.1000, -13.5806, 1.6243

Details

The YUV color **153.0790, 3.4121, -21.1173** is a light color, and the websafe version is hex **669999**. A complement of this color would be **139.9210, -3.4121, 21.1173**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4810, 3.7069, -22.3468**, and **101.7910, 3.5540, -19.9877** is the 20% darker color. If you saturate the color by 10%, you get **148.0670, 4.8970, -30.7538**, and if you desaturate by 10%, it is **158.0910, 1.9271, -11.4808**.

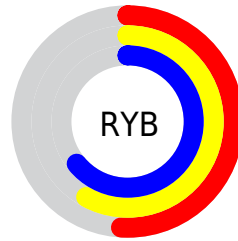
Distribution



Red (51%)

Green (64%)

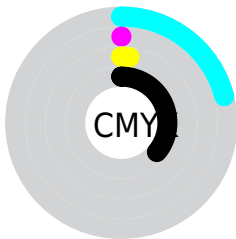
Blue (63%)



Red (51%)

Yellow (58%)

Blue (64%)

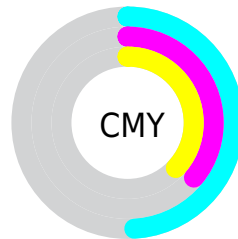


Cyan (21%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (49%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.0790, 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 153.0790, 3.4121, -21.1173 by changing the saturation by 10% instead.

■ 153.0790, 3.4121,
-21.1173

■ 153.0790, 3.4121,
-21.1173

■ 255.0000, 0.0000,
0.0000

■ 127.0790, 3.4121,
-21.1173

■ 207.4810, 3.7069,
-22.3468

■ 101.7910, 3.5540,
-19.9877

■ 236.0680, 3.4175,
-22.8616

■ 77.6770, 3.1172,
-19.8877

■ 250.2160, 2.3585,
-9.8364

■ 54.0900, 3.4066,
-19.3729

■ 31.6060, 4.1382,
-20.7025

■ 15.6670, 1.6432,
-13.7400

■ 0.0000, 0.0000,

0.0000

■ 153.0790, 3.4121,
-21.1173

■ 153.0790, 3.4121,
-21.1173

■ 148.0670, 4.8970,
-30.7538

■ 158.0910, 1.9271,
-11.4808

■ 142.7560, 6.5293,
-41.0050

■ 163.4020, 0.2948,
-1.2296

■ 137.7440, 8.0142,
-50.6415

■ 168.4140, -1.1901,
8.4069

■ 132.5470, 10.0833,
-60.9927

■ 173.6110, -3.2592,
18.7582

■ 127.5350, 11.5682,
-70.6292

■ 178.6230, -4.7441,
28.3946

■ 122.5230, 13.0532,
-80.2657

■ 183.6350, -6.2291,
38.0311

■ 117.2120, 14.6855,
-90.5169

■ 188.9460, -7.8614,
48.2824

■ 112.7980, 15.8756,
-98.9238

■ 192.4630, -8.6093,
54.8449

■ 192.6910, -7.7357,
54.6450

Harmonies

Analogous

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



153.5160, -2.7194, -14.4845



153.0790, 3.4121, -21.1173



153.4470, 8.6536, -22.3170

Triad

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



153.0790, 3.4121, -21.1173



158.4980, 8.1355, 3.9483



157.9280, -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.



153.0790, 3.4121, -21.1173



139.9210, -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.



158.4710, -7.6272, 19.7579



153.0790, 3.4121, -21.1173



159.2990, 3.3036, 13.7698

Square

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



153.0790, 3.4121, -21.1173



157.2300, 11.2256, -7.2177



159.1380, -2.5330, 19.1730



156.1720, -10.9308, 5.9882

Rectangle

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



153.0790, 3.4121, -21.1173



154.6260, 10.5374, -19.8430



159.1380, -2.5330, 19.1730



157.8790, -9.8003, 16.7691

Sweetspot

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



153.0790, 3.4121, -21.1173



209.9990, 1.4795, -7.8921



150.7410, -10.7183, -15.5589



104.7930, 0.5951, -4.2035



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



153.0790, 3.4121, -21.1173



196.8710, 5.4866, -33.2129



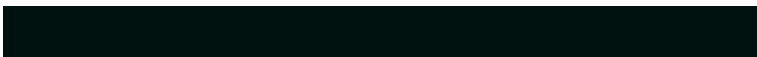
145.9040, 8.9213, -14.8248



79.1950, 0.8899, -5.4330



99.8210, 14.3852, -87.5430



12.3900, 1.7797, -10.8660

Inverse Universe

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



139.9210, -3.4121, 21.1173



176.1290, -5.4866, 33.2129



147.0960, -8.9213, 14.8248



75.8050, -0.8899, 5.4330



45.2930, -13.9484, 87.4430



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 153.0790, 3.4121, -21.1173 looks on a white 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

Black Background



This preview shows how the YUV color 153.0790, 3.4121, -21.1173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

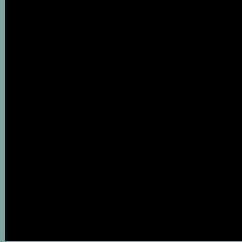
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.0790, 3.4121, -21.1173 Background



This preview shows how black text looks on a background with the YUV color 153.0790, 3.4121, -21.1173.



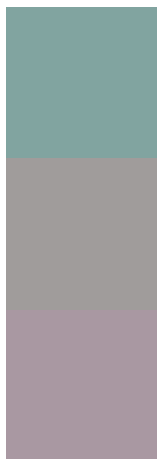
This preview shows how white text looks on a background with the YUV color 153.0790, 3.4121, -21.1173.

-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

153.0790, 3.4121, -21.1173

Protanopia

157.0820, -1.0264, 2.5591

Deuteranopia

158.2230, 1.8621, 9.4514



Tritanopia

154.5120, 10.1006, -19.7430

Trichromacy



Original Color

153.0790, 3.4121, -21.1173

Protanomaly

155.7820, 0.6005, -5.9478

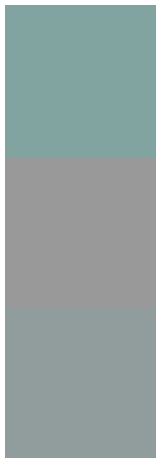
Deuteranomaly

155.9720, 2.4788, -1.7294

Tritanomaly

154.2300, 7.7746, -20.3727

Monochromacy



Original Color

153.0790, 3.4121, -21.1173

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.0790, 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(129, 164, 160)` looks like.

```
.text, #text, p{  
    color:rgb(129, 164, 160)  
}
```

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(129, 164, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 164, 160) }
```

Border

The CSS property to change the border of an element to YUV 153.0790, 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(129, 164, 160) }
```


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

```
.border{ border-color:rgb(129, 164, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 164, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 164, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 164, 160);  
box-shadow:4px 4px 4px 4px rgb(129, 164,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 153.0790, 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(129, 164, 160) }
```

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

```
.background{ background-color: rgb(129,  
164, 160) }
```

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