

Converting Colors

YUV(133.5040, 22.4295,
-7.4580)

Have a look what the booklet for
YUV(133.5040, 22.4295, -7.4580)
contains.

YUV(133.5040, 22.4295, -7.4580)	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(133.5040, 22.4295,
-7.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	7D81B3
RGB	125, 129, 179
RGB Percent	49%, 51%, 70%
CMY	0.5098, 0.4941, 0.2980
CMYK	0.30, 0.28, 0.00, 0.30
HSL	236°, 26%, 60%
HSV	236°, 30%, 70%
XYZ	24.4444, 23.3152, 45.8597
YIQ	133.5040, -18.4340, 14.7020

Conversions

Conversions Part 2

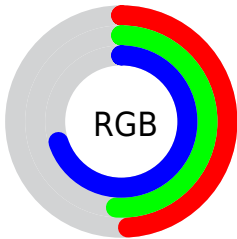
Format	Color
R_{YB}	125, 129, 179
Decimal	8225203
CIE _{Lab}	55.40, 10.23, -26.82
CIE _{LCh}	55, 28.707, 290.875
Yxy	23.3152, 0.2611, 0.2490
Android (android.graphics.Color)	4286415283 (0xFF7D81B3)
YUV	133.5040, 22.4295, -7.4580
Hunter-Lab	48.2858, 5.8645, -22.5110

Details

The YUV color **133.5040, 22.4295, -7.4580** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **170.4960, -22.4295, 7.4580**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1450, 23.5925, -7.1432**, and **83.4500, 20.9772, -8.2876** is the 20% darker color. If you saturate the color by 10%, you get **118.1430, 30.0025, -9.7724**, and if you desaturate by 10%, it is **148.8650, 14.8566, -5.1436**.

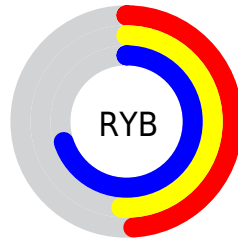
Distribution



Red (49%)

Green (51%)

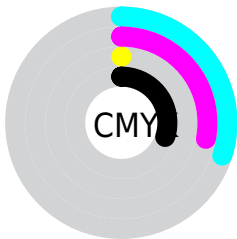
Blue (70%)



Red (49%)

Yellow (51%)

Blue (70%)

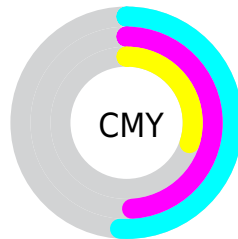


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (30%)



Cyan (51%)

Magenta (49%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.5040, 22.4295, -7.4580 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 133.5040, 22.4295, -7.4580 by changing the saturation by 10% instead.

■ 133.5040, 22.4295,
-7.4580

■ 133.5040, 22.4295,
-7.4580

■ 255.0000, 0.0000,
0.0000

■ 107.9770, 21.7033,
-7.8728

■ 187.1450, 23.5925,
-7.1432

■ 83.4500, 20.9772,
-8.2876

■ 213.6460, 20.3875,
-5.8285

■ 59.9230, 20.2510,
-8.7025

■ 239.0410, 7.8678,
-3.5440

■ 37.3850, 19.5302,
-10.8616

■ 14.9610, 19.2462,
-13.1208

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 133.5040, 22.4295,
-7.4580

■ 133.5040, 22.4295,
-7.4580

■ 118.1430, 30.0025,
-9.7724

■ 148.8650, 14.8566,
-5.1436

■ 103.3690, 37.2861,
-12.6016

■ 163.6390, 7.5730,
-2.3144

■ 88.0080, 44.8591,
-14.9160

■ 179.0000, 0.0000,
0.0000

■ 73.2340, 52.1426,
-17.7452

■ 193.7740, -7.2836,
2.8292

■ 57.8730, 59.7156,
-20.0596

■ 208.8360,
-14.7091, 4.5288

■ 43.3980, 66.8518,
-22.2740

■ 223.6100,
-21.9927, 7.3580

■ 28.0370, 74.4248,
-24.5884

■ 238.9710,
-29.5657, 9.6724

■ 246.3360,
-33.1966, 7.5983

Harmonies

Analogous

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



126.7670, 26.7369, -35.7527



133.5040, 22.4295, -7.4580



136.0790, 13.7651, 18.3477

Triad

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



133.5040, 22.4295, -7.4580



133.2960, -18.8799, 35.6974



121.6650, 1.1512, -42.6792

Complementary

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



133.5040, 22.4295, -7.4580



170.4960, -22.4295, 7.4580

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.



125.5510, -12.5966, -19.7772



133.5040, 22.4295, -7.4580



131.9430, -23.6359, 21.0980

Square

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



133.5040, 22.4295, -7.4580



134.5600, -9.1501, 41.6049



129.6910, -21.5397, 2.0250



116.5560, 16.4879, -61.8776

Rectangle

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



133.5040, 22.4295, -7.4580



136.3210, 6.7437, 30.4135



129.6910, -21.5397, 2.0250



123.1560, -3.5279, -35.2168

Sweetspot

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



133.5040, 22.4295, -7.4580



214.5680, 8.5940, -3.1291



162.2840, 5.7760, -32.6981



106.0690, 5.3890, -1.8145



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



133.5040, 22.4295, -7.4580



161.9840, 34.5179, -11.3870



138.0330, 20.1967, 8.7411



81.6130, 3.6418, -1.4146



23.8990, 63.6468, -20.9594



4.1380, 10.7780, -3.6290

Inverse Universe

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



141.6020, -6.2128, 32.7980



174.5010, -9.6140, 50.4266



165.9670, -20.1967, -8.7411



82.8050, -0.8899, 5.4330



47.0010, -17.7485, 92.9611



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 133.5040, 22.4295, -7.4580 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.5040, 22.4295, -7.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

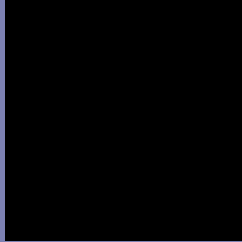
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.5040, 22.4295, -7.4580

Background



This preview shows how black text looks on a background with the YUV color 133.5040, 22.4295, -7.4580.



This preview shows how white text looks on a background with the YUV color 133.5040, 22.4295, -7.4580.

-7.4580.

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

133.5040, 22.4295, -7.4580

Protanopia

132.6990, 23.3194, -12.8910

Deuteranopia

133.1830, 22.5878, -11.5615



Tritanopia

131.1710, 7.3107, -11.5510

Trichromacy



Original Color

133.5040, 22.4295, -7.4580

Protanomaly

133.0090, 23.1666, -10.5319

Deuteranomaly

133.1940, 22.5824, -9.8171

Tritanomaly

132.2620, 12.6888, -9.8768

Monochromacy



Original Color

133.5040, 22.4295, -7.4580

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7530, 8.0098, -2.4144

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5040, 22.4295, -7.4580 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(125, 129, 179)` looks like.

```
.text, #text, p{  
    color:rgb(125, 129, 179)  
}
```

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(125, 129, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 129, 179) }
```

Border

The CSS property to change the border of an element to YUV 133.5040, 22.4295, -7.4580 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(125, 129, 179) }
```


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

```
.border{ border-color:rgb(125, 129, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 129, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 129, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 129, 179);  
box-shadow:4px 4px 4px 4px rgb(125, 129,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 133.5040, 22.4295, -7.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 129, 179) }
```

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

```
.background{ background-color: rgb(125,  
129, 179) }
```

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