

Converting Colors

YUV(133.7280, 9.0081,
-42.7345)

Have a look what the booklet for
YUV(133.7280, 9.0081, -42.7345)
contains.

YUV(133.7280, 9.0081, -42.7345)	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(133.7280, 9.0081,
-42.7345)**

Conversions

Conversions Part 1

Format	Color
Hex	559B98
RGB	85, 155, 152
RGB Percent	33%, 61%, 60%
CMY	0.6667, 0.3922, 0.4039
CMYK	0.45, 0.00, 0.02, 0.39
HSL	177°, 29%, 47%
HSV	177°, 45%, 61%
XYZ	21.1352, 27.6410, 33.9271
YIQ	133.7280, -40.7570, -15.7730

Conversions

Conversions Part 2

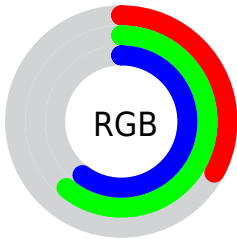
Format	Color
RYB	85, 121, 155
Decimal	5610392
CIELab	59.56, -22.78, -5.31
CIELCh	60, 23.394, 193.115
Yxy	27.6410, 0.2556, 0.3342
Android (android.graphics.Color)	4283800472 (0xFF559B98)
YUV	133.7280, 9.0081, -42.7345
Hunter-Lab	52.5747, -20.2483, -1.4582

Details

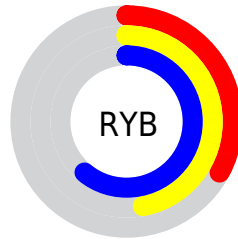
The YUV color **133.7280, 9.0081, -42.7345** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **106.2720, -9.0081, 42.7345**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3150, 8.7187, -43.2493**, and **80.3470, 10.1819, -45.9083** is the 20% darker color. If you saturate the color by 10%, you get **129.1290, 10.7824, -51.8561**, and if you desaturate by 10%, it is **138.6260, 7.0864, -32.9980**.

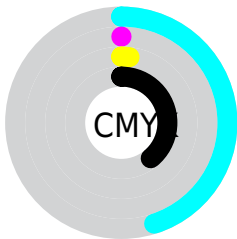
Distribution



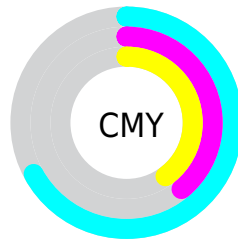
- Red (33%)
- Green (61%)
- Blue (60%)



- Red (33%)
- Yellow (47%)
- Blue (61%)



- Cyan (45%)
- Magenta (0%)
- Yellow (2%)
- Black (39%)



- Cyan (67%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.7280, 9.0081, -42.7345 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 133.7280, 9.0081, -42.7345 by changing the saturation by 10% instead.

■ 133.7280, 9.0081,
-42.7345

■ 133.7280, 9.0081,
-42.7345

■ 255.0000, 0.0000,
0.0000

■ 107.4290, 9.1555,
-43.3492

■ 188.3150, 8.7187,
-43.2493

■ 80.3470, 10.1819,
-45.9083

■ 216.3150, 8.7187,
-43.2493

■ 55.1510, 10.7716,
-48.3674

■ 237.0600, 8.8444,
-36.8866

■ 39.1420, 7.8180,
-34.3275

■ 245.7310, 4.5696,
-19.0581

■ 23.7200, 4.5750,
-20.8024

■ 254.4020, 0.2948,
-1.2296

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 133.7280, 9.0081,
-42.7345

■ 133.7280, 9.0081,
-42.7345

■ 129.1290, 10.7824,
-51.8561

■ 138.6260, 7.0864,
-32.9980

■ 124.3450, 13.1409,
-61.6926

■ 143.1110, 4.8753,
-23.7763

■ 119.7460, 14.9152,
-70.8142

■ 148.0090, 2.9536,
-14.0399

■ 114.8480, 16.8369,
-80.5507

■ 152.6080, 1.1793,
-4.9182

■ 110.3630, 19.0480,
-89.7724

■ 157.3920, -1.1793,
4.9182

■ 107.8570, 19.7905,
-94.5906

■ 161.9910, -2.9536,
14.0399

■ 166.8890, -4.8753,
23.7763

■ 171.3740, -7.0864,
32.9980

■ 176.2720, -9.0081,
42.7345

Harmonies

Analogous

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



136.1290, -2.5286, -29.0541



133.7280, 9.0081, -42.7345



134.1220, 18.1809, -44.8340

Triad

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



133.7280, 9.0081, -42.7345



146.3230, 13.6448, 10.2407



143.5070, -18.9840, 22.3574

Complementary

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



133.7280, 9.0081, -42.7345



106.2720, -9.0081, 42.7345

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.



145.1260, -14.3591, 32.3385



133.7280, 9.0081, -42.7345



147.0170, 4.4286, 26.2951

Square

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



133.7280, 9.0081, -42.7345



143.3850, 19.5302, -10.8616



146.4280, -5.6340, 33.8276



141.4080, -18.9351, 6.6582

Rectangle

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



133.7280, 9.0081, -42.7345



137.2630, 21.0693, -37.9417



146.4280, -5.6340, 33.8276



144.0560, -18.2686, 26.2609

Sweetspot

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



133.7280, 9.0081, -42.7345



192.5140, 3.6906, -17.1138



126.9870, -20.6996, -34.1916



96.8030, 2.0691, -10.3512



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



133.7280, 9.0081, -42.7345



168.2520, 14.1728, -65.9960



115.8730, 19.2896, -27.0756



74.4940, 0.7425, -4.8182



97.4560, 18.0162, -85.4689



8.9990, 1.4795, -7.8921

Inverse Universe

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



106.2720, -9.0081, 42.7345



125.7480, -14.1728, 65.9960



124.1270, -19.2896, 27.0756



71.3920, -1.1793, 4.9182



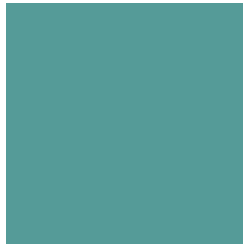
42.5440, -18.0162, 85.4689



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 133.7280, 9.0081, -42.7345 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 133.7280, 9.0081, -42.7345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

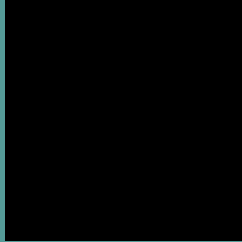
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.7280, 9.0081, -42.7345

Background



This preview shows how black text looks on a background with the YUV color 133.7280, 9.0081, -42.7345.

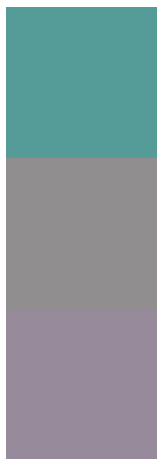


This preview shows how white text looks on a background with the YUV color 133.7280, 9.0081, -42.7345.

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

133.7280, 9.0081, -42.7345

Protanopia

143.1250, 0.4314, 1.6444

Deuteranopia

144.4120, 5.2199, 5.7777



Tritanopia

135.2320, 14.6756, -40.5455

Trichromacy



Original Color

133.7280, 9.0081, -42.7345

Protanomaly

139.8240, 3.5378, -14.7546

Deuteranomaly

140.6440, 6.5845, -11.9658

Tritanomaly

134.9500, 12.3497, -41.1751

Monochromacy



Original Color

133.7280, 9.0081, -42.7345

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.1120, 3.3958, -15.8842

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7280, 9.0081, -42.7345 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(85, 155, 152)` looks like.

```
.text, #text, p{  
    color:rgb(85, 155, 152)  
}
```

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(85, 155, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 155, 152) }
```

Border

The CSS property to change the border of an element to YUV 133.7280, 9.0081, -42.7345 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(85, 155, 152) }
```


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

```
.border{ border-color:rgb(85, 155, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 155, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 155, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 155, 152);  
box-shadow:4px 4px 4px 4px rgb(85, 155,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 133.7280, 9.0081, -42.7345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 155, 152) }
```

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

```
.background{ background-color: rgb(85, 155,  
152) }
```

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